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INDEX

U.S. Department of Agriculture

SEEDS • SHRUBS • TREES

Planters Wholesale Price List

SPRING 1922

"S"



View in Liberty Park
Salt Lake City

PORTER-WALTON CO.

Seed and Nursery Specialists
Salt Lake City - Utah

THE PRICES IN THIS CATALOG CANCEL ALL PREVIOUS PRICES.

GENERAL DIRECTIONS TO PATRONS

That you may receive the full benefit of the prompt, efficient service our facilities enable us to give, please observe the following in making your order:

YOU TAKE NO CHANCES in sending money with order. Inquire of any Bank, Trust Company or Mercantile Agency as to our responsibility. You may remit at our risk by Post Office Money Order, Express Order, Bank Draft, Checks, Cash or Stamps. Always register letter when you send cash.

OUR TERMS ARE STRICTLY CASH WITH ORDER—All our catalog prices are made on a cash basis and we have no facilities for credit accounting.

C. O. D. SHIPMENTS can be made only where 25 per cent of the amount is sent with order. We decline to ship Plants, Shrubs, Trees or any other perishable items C. O. D.

ORDERS FOR DELIVERY AT LATER DATE can be booked only providing at least one-fourth of the purchase price accompanies the order. Shipment cannot be made until payment is made in full. Public Institutions are the only exceptions to this rule.

EVERY ORDER IS FILLED WITHIN A DAY OR TWO AFTER ARRIVAL, or is acknowledged if, under rare circumstances, its shipment is likely to be delayed. If goods, notification of shipment, or acknowledgement of order is not received after a reasonable lapse of time, please notify us at once and send copy of order. **FREE AND SAFE DELIVERY GUARANTEED ON SEEDS AND BULBS** at prices quoted in this catalog, except where otherwise noted. This places all our customers throughout the West as near to us as their Express or Post Office, and is a big step in advance in the way of service.

TREES AND SEEDS IN QUANTITY, POULTRY SUPPLIES, ETC., quoted at "Not Prepaid" prices are F. O. B. Salt Lake City and purchasers pay expense of freight, express or parcel post. If wanted by parcel post, always send postage with the order. See table below to ascertain amount of charges.

PARCEL POST RULES, ETC.

THE MAXIMUM WEIGHT allowable in local and to the first and second zones is 70 pounds, and to all other zones (third to eighth) is 50 pounds.

THE SIZE OF THE PARCEL must not exceed 7 feet (84 inches) for combined length and largest girth.

INSURANCE ON PARCEL POST PACKAGES against loss may now be effected by us for value up to \$25.00 for 5 cents and up to \$50.00 for 10 cents if customer so requests and remits for same.

We strongly advise customers living in towns removed from the railway to have insurance placed on all orders.

DOMESTIC PARCEL POST RATES

Within the U. S. and Possessions
From Salt Lake City

	First lb. or fraction	Each additional lb. or fraction
First Zone within 50 miles.....	5c	1c
Second Zone within 50 to 150 miles.....	5c	1c
Third Zone within 150 to 300 miles.....	6c	2c
Fourth Zone within 300 to 600 miles.....	7c	4c
Fifth Zone within 600 to 1000 miles.....	8c	6c
Sixth Zone within 1000 to 1400 miles.....	9c	8c
Seventh Zone within 1400 to 1800 miles.....	11c	10c
Eighth Zone all over 1,800 miles.....	12c	12c

IMPORTANT—In remitting postage always add it to the foot of the order as a separate item—this will help us to avoid mistakes.

About Values In This Price List.

During this period of retrenchment and stress we have strenuously reduced every expense item that could possibly be pared down. We have positively refused however to cut any item that would in any way lower the **high standard of quality** we have religiously striven to maintain in the past.

The many people who have inspected our Centerville Nurseries are loud in their praise of the very vigorous high grade trees and shrubs now ready for sale and the Trial Ground Tests on our Seed Stocks prove them to be equally vital, true to name and sure of bringing results.

Under existing conditions lower prices must obtain regardless of what production costs have been. In this list all idea of profits have been forgotten and at the exceptionally low prices named we expect a brisk demand.

Let us urge you to **ORDER EARLY** before the stocks are depleted, and we assure you of prompt and efficient service.

Yours for Best Results Ever,

General Offices and City Store 42 West 1st South
Warehouses 522 So. 3rd West
Seed Trial Grounds and Nurseries, Centerville Utah.

PORTER-WALTON CO.
Salt Lake City, Utah.



A Typical Sub urban Garden

P.-W.'s HOME GARDEN COLLECTIONS

Contain seeds of only true and tried varieties, most carefully selected to give a continuous supply of vegetables of exclusively high quality throughout the season. **We cannot allow any alterations,** because these collections are put up in quantities all ready to ship, before the commencement of our busy season thus enabling us to sell them at very much less than the articles would cost separately.

SMALL CITY GARDEN COLLECTION. For 50 Cents, Prepaid

1 pkt. Beet	1 pkt. Lettuce	1 pkt. Onion	1 pkt. Radish, round
1 pkt. Cabbage	1 pkt. Peas	1 pkt. Parsley	1 pkt. Tomato
1 pkt. Carrot	1 pkt. Muskmelon	1 pkt. Parsnip	1 pkt. Turnip
1 pkt. Cucumber	1 pkt. Watermelon	1 pkt. Radish, long	1 pkt. Swiss Chard

SUBURBAN GARDEN COLLECTION. For \$3.50, Prepaid

1 lb. Pease, Early	1 pkt. Celery	1 pkt. Lettuce, Curled	2 oz. Radish, Turnip
½ lb. Peas, Late	2 pkt. Sweet Corn, Early	1 pkt. Muskmelon	1 pkt. Salsify
1 lb. Beans, String	2 pkt. Sweet Corn, Late	1 pkt. Watermelon	1 oz. Spinach
½ lb. Beans, Wax	1 pkt. Cucumber	1 oz. Onion, White	1 pkt. Squash
1 oz. Beet, Table	1 pkt. Cress	1 oz. Onion, Yellow	1 pkt. Tomato, Early
1 pkt. Brussels Sprouts	1 pkt. Egg Plant	1 pkt. Parsley	1 pkt. Tomato, Late
1 pkt. Cabbage, Early	1 pkt. Kohl Rabi	1 oz. Parsnip	1 oz. Turnip, Purple Top
1 pkt. Cabbage, Late	1 pkt. Kale, Tall Scotch	1 pkt. Pepper	1 pkt. Sage
1 pkt. Cauliflower	1 pkt. Leek	1 pkt. Pumpkin	1 pkt. Swiss Chard
1 oz. Carrot, Table	1 oz. Lettuce, Head	1 oz. Radish, Long	

BIG DOLLAR VEGETABLE COLLECTION

Think of It! 26 Packets for \$1.00, Postpaid

This exceptional offer just cuts the regular Catalog prices in half and is offered as a special inducement for a "Trial Order" to those who have never grown P.-W.'s Mountain Grown Seeds.

True to the exacting Porter-Walton Standard of producing seeds of the highest vigor, germination, and productiveness, we have no hesitancy in saying that this collection, when results are considered, is worth many times the price asked for it at Catalog prices.

We know every order means a satisfied permanent customer; hence this bargain.

1 pkt. Peas, Early	1 pkt. Cabbage	1 pkt. Cucumber	1 pkt. Lettuce	1 pkt. Pepper
1 pkt. Peas, Late	1 pkt. Cauliflower	1 pkt. Cress	1 pkt. Muskmelon	1 pkt. Pumpkin
1 pkt. Beans, String	1 pkt. Carrot	1 pkt. Egg Plant	1 pkt. Watermelon	1 pkt. Turnip
1 pkt. Beans, Wax	1 pkt. Celery	1 pkt. Kohl Rabi	1 pkt. Onion	1 pkt. Radish, Long
1 pkt. Beet	1 pkt. Sweet Corn	1 pkt. Leek	1 pkt. Parsley	1 pkt. Radish, Round
				1 pkt. Tomato

The above 26 well filled Packets for \$1.00, Prepaid

VEGETABLE SEED SPECIALTIES

Selected Varieties, Superior Strains, Critically Grown and THOROUGHLY Tested

No expense or pains is spared to keep ourselves fully informed on the new developments in types and varieties. Thousands of competitive tests to maturity are made annually at our Centerville Grounds. New varieties, both actual and "so-called," from all available sources, are tried out. Those of **real merit**, adapted to our Western climatic conditions, we list under the proper headings, while those of inferior or doubtful value are either rejected or held for further observation. **We list nothing but what we have proved to be dependable and worthy; such that will justly reward for cultivation.**

The things we make, not only our business but our religion as well, is to furnish our customers with the **right kind of fresh, vigorous, acclimated seeds**, the important beginning of all success in gardening.

WARDWELL'S KIDNEY WAX BEAN

Early, long, flat pods, good quality, good shipper, the standard wax variety with market gardeners in this vicinity.

Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 3 lbs. \$1.10. Not prepaid 100 lbs. \$20.00.

NEW PENCIL POD BEAN

This Variety Is Our Selection As the Best for the Home Garden or for Near-by Markets

It is extremely productive, bearing magnificent, straight, pencil-shaped pods, six or seven inches in length, of a rich golden-yellow color; beautifully rounded, meaty, deeply saddle-backed, fresh, brittle, solid and entirely stringless and of mild, sweet flavor.

Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 3 lbs. \$1.10, postpaid. Not prepaid 100 lbs. \$20.00.

OLD HOMESTEAD OR KENTUCKY WONDER POLE BEAN

The pods are very thick, meaty and deeply saddle-backed and entirely stringless. Bright yellow in color. The best variety of this class for all purposes. **Pkt. 10c; ½ lb. 20c; 1 lb. 35c, postpaid.**

Not postpaid 100 lbs. \$20.00.

BURPEE'S IMPROVED BUSH LIMA

Our trials show this to be the earliest maturing of all the large-seeded Limas, and it is the equal or better in all the other qualifications that go to make up a desirable bean, either for the home garden or for market. This variety is decidedly best for all purposes of the Large Limas.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c, Postpaid.

Not postpaid 100 lbs. \$20.00.

Inoculate Beans with Farmogerm and greatly increase the yield. See page 30 for prices.

P.-W.'s GIANT SLUDSTRUP STOCK BEET

Wonderful Yelder, Easy Harvested and Richest in Food Value.

Imported by us six years ago from Denmark. After thorough comparative tests we do not hesitate to place this wonderful variety at the head of the list. It grows cylindrical in shape and largely out of the ground; easily harvested, and shape prevents it being broken in handling. Crops as high as fifty tons to the acre are not unusual. Color of skin reddish-yellow above the ground and light rose tint underneath. Flesh firm, crisp and very rich in sugar. Extremely desirable for stock feeding. No other crop can match it.

Price: Pkt. 5c; ¼ lb. 20c; 1 lb. 60c, Postpaid. Not prepaid 10 lbs. \$4.50; 100 lbs. \$40.00.

IMPROVED MAMMOTH LONG RED MANGEL

This is truly a mammoth, a single root often weighing twenty pounds. The extra large, long roots are blood-red in color and very nutritious. Enormously productive, yielding under favorable conditions as much as 70 tons per acre. The flesh is not so rich in sugar as P.-W.'s Giant Sludstrup, yet the prodigious yield almost compensates for this deficiency. Our Stock of Improved Mammoth Long Red Mangel is a selection and the roots are very large, uniformly straight and well-formed; color, deep red, roots straight; tops small.

Pkt. 5c; ¼ lb. 20c; 1 lb. 60c, Postpaid. Not prepaid, 10 lbs. \$4.50; 100 lbs. \$35.00. 5 lbs. and more at 10 lb. rates; 25 lbs. and over at 100 lb. rates.

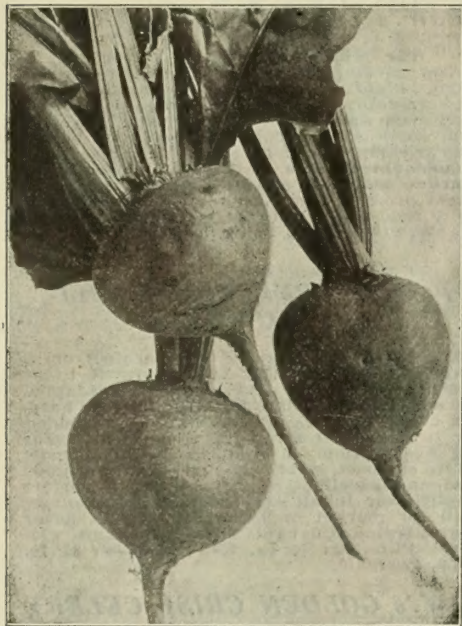
THE LONGFELLOW BEAN

An extra early, round green-podded bush bean of fine quality. Long, round green pods always solid, tender and of delicious flavor. An ideal Snap Bean, producing a fine crop of round, straight solid, fleshy pods, averaging 6½ inches long, wonderfully tender and brittle, without a trace of tough interlining, and having no string when broken, excepting when the pods are quite old. It is extra early, the pods being fit to pick four days in advance of any other variety of approximate size and merit. In our estimation, the best for general use of the Green-Pods.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 3 lbs. \$1.00, Postpaid. Not prepaid, 100 lbs. \$20.00.



Longfellow Bush Bean



Detroit Dark Red

COPENHAGEN MARKET CABBAGE

We offered this splendid variety for the first time in 1913 and it certainly has more than fulfilled our expectations, we said then as soon as it became generally known, it would supplant the smaller Extra Early Varieties. Repeated comparative tests show it to be as sure a header and within one or two days as early as the famous old Early Jersey Wakefield. For all practical purposes, therefore, it is just as early. Market gardeners here are delighted with it. The plants are short-stemmed, producing heads almost on the ground, uniformly large, round, solid and of excellent quality. The light green leaves are medium in size, saucer shaped and are always tightly folded; the plants may, therefore be set closer than most other early varieties. It is a vigorous grower and yielder, as are all Cabbages from Denmark, and an excellent keeper. Our stock of Copenhagen Market comes to us direct from the originator, see cut. Pkt. 15c; oz. 45c; 2 oz. 80c; ¼ lb. \$1.50; lb. \$5.00, Postpaid.



P.-W.'s Early Jersey Wakefield

P.-W.'s EARLY JERSEY WAKEFIELD

We assure our market gardener customers our strain of Jersey Wakefield meets every requirement in point of earliness and of even head, so that the entire crop can be marketed very early. It grows very compact with nearly oval, deep

CROSBY'S EGYPTIAN (Table Beet)

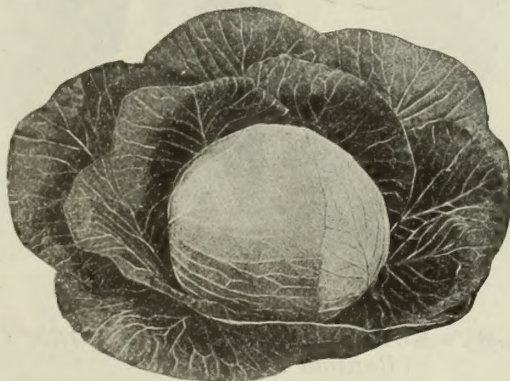
This is more globular in shape than the Extra Early Egyptian, and one of the best known and most popular varieties. It is very early and of fine quality. Bright red with clear vermillion flesh. Our choice as a first early. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00; Postpaid. 10 lb. \$9.00 not postpaid.

DETROIT DARK RED (Table Beet)

Extended experience has shown this variety to be the best deep red turnip beet, not only for market gardeners, but for the home garden. Its splendid shape and color of the roots, make it popular with everyone who plants it. Tops small, upright-growing, so that the rows may be close together; leaf-stems and vines dark red, blades green; roots globular or ovoid, peculiarly smooth; color of skin dark blood-red; flesh bright red, zoned with a lighter shade, very crisp, tender and sweet, and remaining so for a long time. We believe that the stock of this variety which we offer will produce a crop more uniform in shape, color and quality than any other beet seed obtainable. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00, Postpaid. 10 lb. \$9.00, not Postpaid.

NEW CRIMSON GLOBE (Table Beet)

A perfect beet in all respects; brilliant crimson in color, globe-shaped, with a very smooth skin, and an exceedingly small tap-root, fine grained, sweet in flavor, and tender at all times. The foliage is small, admitting of close planting. Not only a market gardener's sort, but one of the best for the kitchen garden. Very close to the Detroit Dark Red, apparently a trifle earlier. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.50, Postpaid. 10 lb. lots \$12.50, not Postpaid.

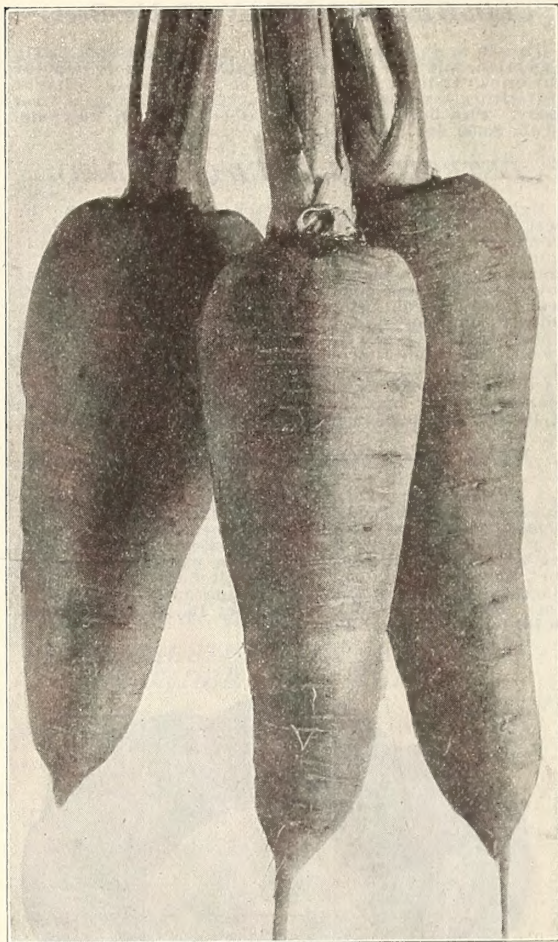


Copenhagen Market

**DANISH BALL HEAD (or Hollander)
P.-W.'s Short Stemmed Strain**

This selected stock is the most popular of all late varieties for winter use. Genuine seed grown on Amager Island, Denmark. Because of its "great solidity" of head, and its unequalled keeping and shipping qualities, Danish Ball Head has supplanted nearly all other varieties for winter use. Many trials have demonstrated the superiority of the Danish seed of this variety over that grown in other countries and localities. It is sure to head, being round, hard and extremely heavy, though not extra large. It can be grown in close quarters on account of its compact habit, and as to its keeping qualities, it comes out of the pit in March or April as fresh as when put in, with absolutely no waste. No cabbage has attained to so great a popularity as the true strain of P.-W.'s Short Stemmed Danish Ball Head, without doubt the leading Fall and Winter Cabbage. Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.00, Postpaid.

green leaves. Short stem, medium sized, very solid, pointed heads of excellent quality. Undoubtedly the best Extra Early pointed headed Cabbage, either for home or market. Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.00, Postpaid.



P.-W.'s Chantenay Carrot

P.-W.'s GOLDEN ROD SWEET CORN (Bantam Evergreen)

This best of all yellow varieties is a cross between Stowell's Evergreen and Golden Bantam, and it possesses many of the merits of both parents with other merits exclusively its own. The plants, sturdy, healthy and leafy, grow 6 to 7 feet high and bear almost invariably on each stock two fine ears 8 to 10 inches in length, filled to the very tips with 12 rows of deep succulent kernels of a rich, transparent, cream-yellow, tender, deliciously melting and "sweet as honey." This luscious "milk" stage quality is maintained for an unusually long time on account of the thick, protecting husks, which also check attacks from insects, worms and smut. **Pkt. 10c; 1b. 30c, Postpaid. Not Prepaid, 10 lbs. \$2.25.**

WINTER WATERMELON (King and Queen)

As the name indicates, this is a winter variety. The firmness of the flesh causes it to be the longest keeper of the watermelon family. Put into a cool place it will keep long into the winter without losing its delicious sweetness or exquisite flavor. Flesh is red and extremely firm, in fact, almost as hard as citron—very brittle and deliciously sweet. The melon is round shaped and the skin is a very light green, almost white. It is a good drought resister and does well in most any section of the West, where melons of any sort can be grown. No garden should be without this exceptional variety. **Pkt. 5c; oz. 20c; ¼ lb. 65c; 1b \$2.00, Postpaid.**

P.-W.'s CHANTENAY CARROT

The Market Gardener's Favorite

Tops medium sized; necks small; roots tapering slightly, but uniformly stump-rooted and smooth; color, deep orange-red; flesh, very crisp and tender. Although this is a medium early sort it furnishes roots of usable size as early as any; it is a heavy cropper, and is undoubtedly one of the best for both the market and the private garden, while its great productiveness makes it very desirable as a field sort. **Pkt. 5c; oz. 10c; ¼ lb. 30c; 1b. 85c. 10 lbs. not Postpaid \$7.00.**

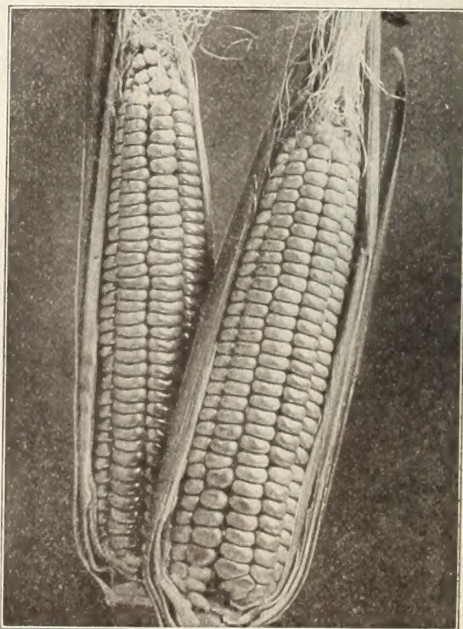
P.-W.'s PERFECTION CAULIFLOWER

We obtained this grand new strain from a Danish specialist. Our tests show it to be the peer of all yet developed. It is adapted for either early or late fall use. Its sure heading characteristics are remarkable and superior to any other strain that has come under our observation. It produces beautiful snow white compact, solid heads uniformly of good size and excellent quality. Truly a perfect Cauliflower in all respects. Adapted equally well for market or home use. You'll never regret trying it out this year; it's a "sure winner." **Pkt. 20c; ¼ oz. 75c; oz. \$2.50; ¼ lb. \$7.50, Postpaid.**

P.-W.'s GOLDEN CRISP CELERY

The Far-Famed Utah Celery So Much in Demand Everywhere

This strain was originally developed by the Chinese gardeners. Its superior qualities gave them exclusive control of the celery market while their supply lasted. We have finally succeeded in getting a reliable source of supply for the seed of this much sought after variety. It is much stouter, thicker, heavier, with double the amount of heart of any known celery. The plant is beautiful in appearance, of close habit, and compact in growth and blanches to a beautiful creamy, white. Ribs perfectly solid, crisp and of a delicious nutty flavor. Once sown, always grown. **Pkt. 10c; oz. 75c; ¼ lb. \$2.50; 1b. \$7.50, Postpaid.**



P.-W.'s Golden Rod

P.-W.'s SOUTHPORT WHITE GLOBE ONION

The Best Bunching Onion in the List; Unquestionably the Best all-Purpose White Onion for the Mountain States and All Districts with Similar Climatic Conditions

It is a true globe form; pure white, hard and small neck. Ripening very early and evenly. A splendid keeper. It grows to a large size, averaging $7\frac{1}{2}$ to 9 inches in circumference; is very solid and heavy, flesh purest white and fine grained; has a very mild delicate flavor. It is an extremely heavy yielder. We recommend this variety, especially to our market garden customers, who desire a bunch onion. After thoroughly testing this with other white varieties, we pronounce it far ahead of any sort for this purpose. It holds its tops longer and comes into the market as early as the Pearl or White Queen. We have been able to secure a very selected strain of this excellent onion. No market gardener or onion grower can afford to plant inferior seed. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.00, Postpaid.

P.-W.'s YELLOW GLOBE ONION

Unquestionably the Yellow Onion for General Culture

It is similar to the Yellow Globe Danvers in shape, round, a little depressed at top and bottom, medium size, but remarkably solid, and heavy, producing as much weight per acre as almost any variety grown. The skin is a beautiful yellow, tops ripen down close, necks small. One of the surest keepers grown. Flesh is an attractive sparkling white of mild and pleasant flavor. It forms a bulb very early in the season, so that it may be used practically the entire summer, ripening up crisp and solid in the fall. The tops die off entirely leaving fine appearing uniform shaped bulbs without neck. Under favorable conditions, from 900 to 1,000 bushels is not an uncommon yield per acre.

From our trials we can highly recommend it for general crop. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$1.75, Postpaid.

GIGANTIC GIBRALTAR

Truly a giant in size, can be grown successfully in districts where season is comparatively long, but we do not recommend it for the north and "high" valleys. It does splendidly in the vicinity of Salt Lake City.

An immense light yellow onion; fine grained, crisp, mild flavored and early. They not infrequently measure 18 inches around, and weigh two pounds. Market gardeners who grow this sort, box them and compete successfully with the imported "Spanish Onion." We believe when this variety is better known it will outrank some of the most popular sorts. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.00, Postpaid.



Harvesting Onion Sets at Our Centerville Seed Farm

ONION SETS

A great specialty with us. We produce several carloads at our own farm in Centerville. The remarkable firmness and soundness and regularity in size of our Mountain Grown Sets has been a matter of comment wherever they have been compared with those from other sections.

Having been grown in this high altitude, they will produce a crop earlier than sets from East or South and in half the time that it could be produced from seed. Where an early market is sought or where the seasons are short this is a distinct advantage.

Great care is exercised in cleaning and grading, so that nothing is sent out but sound, healthy, vigorous sets that produce results worth while.

Culture—Soil requirements are the same as with onion seed. Plant the sets 3 to 4 inches apart in the row, depending on the variety and 12 inches apart between the rows and 2 to 3 inches deep. It requires from 250 to 350 lbs. for an acre.

	Postpd., Lb.	Prepd., Lb.	Not Prepd. 10 Lb.	100 Lbs.
BROWN ONION SETS.....	\$.25	\$2.00	\$1.50	\$12.00
YELLOW ONION SETS.....	.25	2.00	1.50	12.00
WHITE ONION SETS.....	.35	2.50	1.75	14.00

Five Pounds and over at 10 lb. rates, Twenty-five Pounds and over at 100 lb. rates.

P.-W.'s DWARF GRADUS OR LAXTONIAN PEA

This is the largest podded of all early dwarf peas. A new sort of decided merit. The vines are vigorous, growing about 10 inches high, and producing a large crop of good-sized pods, averaging from nine to ten peas to the pod.

The peas are of exquisite flavor and mature early. All the planters who have tried Dwarf Gradus consider it superior to either the old Gradus or Thomas Laxton, and consider it to be the best of all the early dwarf sorts.

From our own observations, at our trial grounds and the combined experiences of market gardens in different sections, we have no hesitancy in pronouncing this excellent variety to be **The Best Extra Early Pea in the West For Market Growers.**

Pkt. 10c; lb. 35c; 2 lbs. 65c, Postpaid. Not Prepaid, lb. 30c; 10 lbs. \$2.50; 100 lbs. \$22.50.

P.-W.'s DWARF PRIZE PEA

This handsome new wrinkled pea is so hardy that it may safely be planted as early as the hard-seeded "Extra Earlys." The plants are dwarf growing about 14 inches high, very stout and exceedingly productive, and quality is all that could be desired, exceptionally sweet and tender. It is the ideal variety for the home garden for early planting, in our estimation, no other plant can match it for this purpose. Try it this year, we are sure you cannot select anything in the pea family that will please you more. **Pkt. 10c; lb. 35c; 2 lbs. 65c, Postpaid. Not Prepaid, lb. 25c; 10 lbs. \$2.25; 100 lbs. \$20.00.**

P.-W.'s ALDERMAN PEA

In our estimation the best of the tall growing sorts for main crop.

This most valuable variety of recent introduction belongs to the old Telephone type.

The vines are tall growing, about four feet high, dark green, vigorous and exceedingly productive. The pods are of largest size, often five to five and one-half inches long, filled with large sweet tender peas of most delicious flavor. It answers every requirement of the market grower who wishes a pea that will stand shipping a long distance and still retain its dark green color. For the Home Garden it is equally desirable. **Pkt. 10c; lb. 35c; 2 lbs. 65c, Postpaid. Not Prepaid, lb. 25c; 10 lbs. \$2.25; 100 lbs. \$20.00.**

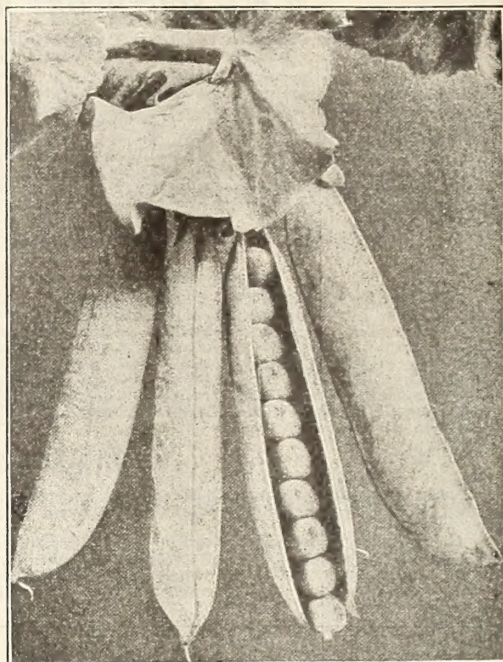
P.-W.'s SPARKLER RADISH

The Leader for Market

The cut gives an idea of the shape of this attractive radish. The color is scarlet and white. It is extremely quick to mature, being ready for the table in 20 days from the time of sowing the seed. It is invaluable for forcing under glass, as well as for growth in the open air. The skin is very smooth, and its clear color gives it an appetizing appearance on the table. Its flavor is excellent, and its qualities high in all respects. Market gardeners find it a quick selling sort at good prices, always above ordinary sorts, and it is no less satisfactory in the private or home garden. Selected stock seed. **Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 85c, Postpaid. Not Prepaid, lb. 80c; 10 lbs. \$7.50.**

P.-W.'s BLOOMDALE SAVOY SPINACH

The plants are extremely hardy and of good size. The leaves are very thick and blistered. Its hardness and thickness of leaf permit safe and long-distance shipping. A great favorite. Our strain is carefully grown and has secured and kept the trade of the largest growers in the Rocky Mountain States. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c, Postpaid. Not Prepaid 10 lbs. \$3.75; 100 lbs. \$32.50.**



P.-W.'s Dwarf Gradus

PURPLE TOP WHITE GLOBE

The Best Flavored and Largest Yields Grown. Without an Equal for All Purposes

This most popular of all market turnips originated from the purple top flat turnip. The shape is globular and of good size, and in appearance it is the best looking of all varieties of white globe sort, having an uneven purple edging at the top. The flesh is firm, fine grained, white and of most excellent flavor. It is a fine keeper, extensively grown and pitted for fall and winter, and produces enormous crops. In our estimation it cannot be beat either for home or market planting.

Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 85c Postpaid.

P.-W.'s CHINESE GIANT RED PEPPER

This is a very large, deep red variety. Almost twice the size of either Ruby King or Bull Nose. It is about four or five inches thick at the top and about six inches long. The plants are vigorous in growth, well branched and thoroughly set with enormous fruits, frequently one-half dozen peppers touching each other as if in a single bunch. The strong growth of the plant enables them to mature the fruit only slightly later than the Ruby King. They make an excellent salad, sliced and served like tomatoes, the flesh being extremely mild.

Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$2.00, Postpaid.

"JOHN BAER" TOMATO

New introduction. "John Baer" Tomatoes produce perfect, solid, high crown, beautiful, brilliant red shipping tomatoes, in 30 days from potted plants if the roots are undisturbed when set out. Our Trial Ground tests show that it is not only remarkably early, but it is also an enormous crop, producing 50 to 100 perfect large sized tomatoes to a plant. Entirely free from blight, no cracks, no wrinkles, no one-sided or scarred fruit and even when dead ripe "John Baer" will not burst; for a market tomato it will surely replace all comers

Pkt. 5c; oz. 30c; ¼ lb. \$1.00; lb. \$3.00.

Inoculate Peas with Farmogerm For Bigger yields. See page 30.

CONDENSED PREPAID PRICE LIST OF GARDEN SEEDS

Our customers will find the following a compact list of all the varieties of Garden Seed we list in our regular Annual Catalog. Space permits of very little description we have printed in black face type those varieties which we consider the leaders under each division.

WRITE FOR SPECIAL PRICES—If you buy larger quantities of Garden Seeds than herein quoted.

REMEMBER THAT PRICES QUOTED HERE ARE POSTPAID—So you are near to us as your own postoffice. We guarantee safe arrival of goods sent to you. If for any reason goods fail to reach you, we will refill.

Artichoke

	Pkt.	Oz.	¼ lb.	lb.
Large Green Globe, globular.....	10c	75c	\$2.15	\$7.50

Asparagus

	Pkt.	Oz.	¼ lb.	lb.
Barr's Mammoth, Large.....	5c	10c	.25	.80
Columbian Mammoth, large.....				
white.....	5c	10c	.25	.80
Conover Colossal, Greenish white	5c	10c	.25	.80
Palmetto, light green.....	5c	10c	.25	.80

Beans (Dwarf or Bush)

Green Podded Varieties

	Pkt.	½ lb.	lb.	3 lbs.
Burpee's Stringless	10c	20c	35c	\$1.00
Longfellow	10c	20c	35c	1.00
P.-W.'s Early Red Valentine	10c	20c	35c	1.00
Dwarf Horticultural.....	10c	20c	35c	1.00
Round Yellow Six Weeks.....	10c	20c	35c	1.00
Refugee	10c	20c	35c	1.00

Wax or Yellow Podded Varieties

	Pkt.	½ lb.	lb.	3 lbs.
Burpee's Butter Wax.....	10c	20c	35c	1.00
Challenge Dwarf Black Wax.....	10c	20c	35c	1.00
Davis White Kidney Wax.....	10c	20c	35c	1.00
Improved Golden Wax.....	10c	20c	35c	1.00
New Pencil Rod.....	10c	25c	40c	1.10
Utah White	10c	15c	25c	.70
White Navy	10c	15c	20c	.50
Wardwell's Dwarf Kidney.....	10c	25c	40c	1.10
Tepary Dry Farm Bean.....	10c	15c	20c	.50
Broad Windsor	10c	15c	25c	.70

Bush Lima Beans

Burpee's Bush Lima.....	10c	20c	35c	1.00
Fordhook Bush Lima.....	10c	20c	35c	1.00
Hendehson's Bush Lima.....	10c	20c	35c	1.00

Beans (Pole or Running)

Lazy Wife	10c	20c	35c	1.00
Kentucky Wonder (Old Home-				
stead).....	10c	20c	35c	1.00
Pole Lima.....	10c	20c	35c	1.00
Scarlet Runner.....	10c	30c	55c	1.50

Beet (Table Varities)

	Pkt.	Oz.	¼ lb.	lb.
Extra Early Egyptian.....	5c	10c	35c	1.00
Crimson Globe, New.....	5c	15c	45c	1.50
Crosby's Egyptian	5c	10c	35c	1.00
Detroit Dark Red.....	5c	10c	35c	1.00
Early Model	5c	10c	35c	1.00
Eclipse	5c	10c	35c	1.00
Half-Long Blood.....	5c	10c	35c	1.00
Improved Blood Turnip.....	5c	10c	35c	1.00

Half Sugar Beet and Mangels

	Pkt.	¼ lb.	lb.	10 lbs.
Danish Red Giant Ekendorf...	5c	20c	60c	\$5.00
Danish Taaroje.....	5c	20c	60c	5.00
Gatepost	5c	20c	60c	5.00
Giant Half Sugar.....	5c	20c	60c	5.00
Golden Tankard	5c	20c	60c	5.00
Long Red	5c	20c	60c	5.00
P.-W.'s Giant Sludstrup.....	5c	20c	60c	5.00

Ask for Special Prices on Larger Lots.

Sugar Beet

Klein Wanzleben	5c	25c	75c	7.00
Vilmorin's Improved	5c	25c	.75	7.00

Brussels Sprouts

	Pkt.	Oz.	¼ lb.	lb.
Odense Market	10c	30c	.90	3.00

Cabbage

Extra Early Pointed or Oblong Varieties

Charlson, or Large Wakefield..	10c	40c	1.25	4.00
Early Winningstadt	10c	40c	1.25	4.00
P.-W.'s Jersey Wakefield.....	10c	40c	1.25	4.00
Copenhagen Market.....	15c	45c	1.50	5.00

Second Early or Summer Varieties

All Head Early.....	10c	40c	1.25	4.00
All Seasons.....	10c	40c	1.25	4.00
Enkhuizen Glory.....	15c	45c	1.50	5.00
Fottlers Improved Brunswick..	10c	40c	1.25	4.00
Succession	10c	40c	1.25	4.00
Volga				
P.-W.'s Summer Ballhead.....	15c	45c	1.50	5.00
Danish Ball Head or Hollander..	10c	40c	1.25	4.00
Danish Round Head.....	10c	40c	1.25	4.00
Premium Late Flat Dutch.....	10c	40c	1.25	4.00
Mammoth Red Rock.....	10c	50c	1.65	5.00
Marvin's Savoy (or "Crumpled				
Leaf").....	10c	50c	1.65	5.00

Carrots

	Pkt.	Oz.	¼ lb.	lb.
Chantenay	5c	10c	.30	.85
Daaver's Half-Long	5c	10c	.30	.85
Early French Forcing.....	5c	15c	.45	1.35
Early Scarlet Horn.....	5c	15c	.35	1.00
Oxheart or Guerande.....	5c	10c	.30	.85
St. Vallory	5c	10c	.30	.85

Stock Carrots

Improved Long Orange.....	5c	10c	.25	.75
Improved Short White.....	5c	10c	.25	.75
Mastodon	5c	10c	.25	.75
Yellow Belgian	5c	10c	.25	.75

Ask for "Blue List" if you buy in larger quantities than above quoted.

CONDENSED POSTPAID PRICE LIST GARDEN SEEDS—Continued.**Cauliflower**

	Pkt.	¼ oz.	Oz.	¼ lb.	lb.
Erfurt Early Dwarf.....	10c	60c	\$2.00	\$7.00	
P.-W.'s Danish Giant (Dry Weather).....	10c	60c	2.00	7.00	
Early Improved Snowball.....	10c	60c	2.00	7.00	
P.-W.'s Perfection.....	10c	80c	2.50	8.00	

Chicory

	Pkt.	Oz.	¼ lb.	lb.
Large Rooted Madgeburg.....	5c	35c	1.00	3.50

Collards

Creole or Southern.....	5c	15c	.45	1.50
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Corn Salad

Large Seeded.....	5c	25c	.70	
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Cress

Extra Curled or Peppergrass..	5c	15c	.35	1.10
Water Cress	10c	60c	1.75	

Celery

Celeriac, Large Smooth Prague	5c	30c	.90	2.75
Golden Heart	5c	25c	.80	2.50
Giant Pascal.....	5c	25c	.80	2.50
Golden Self-Blanching American Grown.....	10c	40c	1.15	3.50
Golden Self Blanching French Grown.....	10c	75c	2.50	7.50
White Plume	5c	25c	.80	2.50
Winter Queen	5c	25c	.80	2.50
P.-W.'s Golden Crisp.....	10c	75c	2.50	7.50

Pop Corn

White Pearl.....	10c	20c	.45	
White Rice.....	10c	20c	.45	

Write for prices on Commercial grades for Popping

Sweet Corn**Early Varieties**

	Pkt.	lb.	3 lbs.
P.-W.'s Golden Rod.....	10c	30c	.75
Extra-Early Adams.....	10c	30c	.75
Early Mammoth White Cory.....	10c	30c	.75
Early Minnesota.....	10c	30c	.75
Golden Bantam	10c	30c	.75
Howling Mob.....	10c	30c	.75
Kendall's Early Giant.....	10c	30c	.75

Second Early and Main Crop Varieties

Country Gentleman.....	10c	30c	.75
Davis County Excelsior.....	10c	30c	.75
Early Evergreen.....	10c	30c	.75
P.-W.'s Narrow Grained Evergreen.....	10c	35c	.80
Stowell's Evergreen	10c	30c	.75

Cucumbers

	Pkt.	Oz.	¼ lb.	lb.
Arlington White Spine.....	5c	10c	.45	1.25
Boston Pickling.....	5c	10c	.45	1.25
Davis Perfect.....	5c	10c	.50	1.50
Early Cluster	5c	10c	.40	1.20
Early Fortune	5c	10c	.50	1.50
Early Frame or Short Green..	5c	10c	.40	1.20
Improved Long Green.....	5c	10c	.45	1.25
Klondike White Spine.....	5c	10c	.50	1.50

Egg Plant

	Pkt.	Oz.	¼ lb.	lb.
Black Beauty.....	5c	60c	2.00	6.00
New York Imp. Lge. Purple...	5c	60c	2.00	6.00

Endive

Broad Leaved Batavian.....	5c	15c	.40	1.25
Ever White Curled.....	5c	15c	.40	1.25
Green Curled Endive.....	5c	15c	.40	1.25

Kale or Borecole

Dwarf Curled Scotch.....	5c	15c	.50	1.50
Tall Green Curled Scotch.....	5c	15c	.50	1.50
Dwarf Green.....	5c	15c	.50	1.50
Odense Market.....	5c	15c	.50	1.50

Kohl Rabi

Early White Vienna.....	5c	30c	1.00	3.00
Early Purple Vienna.....	5c	30c	1.00	3.00

Leek

Giant Musselburgh.....	5c	25c	.75	2.50
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Lettuce**Heading or Cabbage Variety**

Big Boston	5c	15c	.40	1.25
Deacon	5c	15c	.40	1.25
Hanson	5c	15c	.40	1.25
May King	5c	15c	.40	1.25
New York Lettuce.....	5c	30c	1.00	3.00
P.-W.'s Extra Early.....	5c	15c	.40	1.25
Iceberg	5c	15c	.40	1.25

Curled or Loose Leaved Varieties

Black Seeded Simpson.....	5c	15c	.40	1.25
Grand Rapids.....	5c	15c	.40	1.25
Prizehead	5c	15c	.40	1.25

Cos, "Celery" or "Romaine" Varieties

Trianon Cos.....	5c	15c	.40	1.25
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Mushroom Spawn

Bricks 1 2 5

Pure Culture.....	45c	80c	\$1.75	
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Muskmelons**Green Fleshed Varieties**

	Pkt.	Oz.	¼ lb.	lb.
Acme or Baltimore.....	5c	10c	.35	1.00
Eden Gem	5c	10c	.35	1.00
Extra-Early Hackensack.....	5c	10c	.35	1.00
Pine Apple Rocky Ford.....	5c	10c	.35	1.00
P.-W.'s Delicious Gold-L Rocky Ford.....	10c	15c	.45	1.50
Rocky Ford, Regular Stock...	5c	10c	.35	1.00
Honey Dew.....	10c	20c	.65	2.00

Salmon Fleshed Varieties

Burrell's Gem	5c	10c	.35	1.00
Burrell's Gem No. 1, In Sealed 1 lb. Bags.....				1.35
Defender	5c	10c	.35	1.10

Watermelons

Black Boulder	5c	10c	.25	.85
Chillian (Cannon Ball).....	5c	10c	.25	.85
Cuban Queen	5c	10c	.25	.85
Grey Monarch	5c	10c	.25	.85
Kleckley Sweets	5c	10c	.35	1.25
McIver's Wonderful Sugar...	5c	10c	.25	.85
Rocky Ford	5c	10c	.25	.85
Tom Watson.....	5c	10c	.25	.85
Winter Watermelon.....	5c	20c	.65	2.00

Write for Special Prices if you buy in larger quantities of Garden Seed than herein quoted.

See Page 27 for Prices on Vegetable Plants.

CONDENSED POSTPAID PRICE LIST GARDEN SEEDS—Continued.

Mustard

	Pkt.	Oz.	¼ lb.	lb.
Ford Hook Fancy.....	5c	10c	.25	.90
Giant Southern Curled.....	5c	10c	.25	.90
White London	5c	10c	.25	.90

Okra or Gumbo

	Pkt.	Oz.	¼ lb.	lb.
Dwarf Green	5c	10c	.30	1.00
White Velvet	5c	10c	.30	1.00

Onion Sets

	lb.	3 lbs.	10 lbs.
Brown Onion Sets.....	.25c	60c	2.00
Yellow Onion Sets.....	.25c	60c	2.00
White Onion Sets.....	.35c	65c	2.50

Onions

Yellow and Dark Skinned Varieties

	Pkt.	Oz.	¼ lb.	lb.
Australian Brown.....	5c	15c	.50	\$1.50
Bermuda Red	5c	25c	.85	2.50
Bermuda, Yellow.....	5c	25c	.85	2.50
Prizetaker.....	5c	20c	.60	1.75
P.-W.'s Southport Yellow Globe.....	5c	20c	.60	1.75
Yellow Globe Danvers.....	5c	20c	.60	1.75
Yellow Flat Danvers.....	5c	15c	.50	1.50
Giant Gibraltar.....	5c	20c	.65	2.00
P.-W.'s Yellow Globe.....	5c	20c	.65	1.75
Red Wethersfield.....	5c	15c	.50	1.50
Yellow Strassburg.....	5c	15c	.50	1.50

White Skinned Varieties

Extra Early Barletta.....	5c	30c	1.00	3.00
Bermuda White.....	5c	30c	1.00	3.00
Crystal White.....	5c	30c	1.00	3.00
Extra Early Pearl	5c	30c	1.00	3.00
Early White Queen.....	5c	30c	1.00	3.00
Mammoth Silver King.....	5c	20c	.65	2.00
P.-W.'s Southport W't Globe.....	5c	20c	.65	2.00
Round Silver-Skin (Portugal).....	5c	20c	.65	2.00
Silver Bell.....	5c	30c	1.00	3.00
White Lisbon.....	5c	20c	.65	2.00

Parsley

Champion Moss Curled.....	5c	15c	.35	1.00
Double Curled.....	5c	15c	.35	1.00

Parsnip

Hollow Crown.....	5c	15c	.35	1.00
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Peas

Extra Early Varieties

Alaska Extra Early.....	10c	20c	35c
Gradus or Prosperity.....	10c	35c	60c
P.-W.'s Dwarf Gradus or Laxtonian.....	10c	35c	65c
Thomas Laxton.....	10c	35c	60c

Early Varieties

American Wonder.....	10c	35c	60c
Nott's Excelsior.....	10c	35c	60c
P.-W.'s Dwarf Prize.....	10c	35c	65c

Main Crop Varieties

Alderman	10c	35c	65c
Bliss Everbearing	10c	35c	60c
Dwarf Telephone (Carter's Daisy).....	10c	35c	60c
P.-W.'s Telephone.....	10c	35c	60c
P.-W.'s Dwarf Defiance.....	10c	35c	60c
Stratagem	10c	35c	60c
Yorkshire Hero	10c	35c	60c
Horsford Market Garden.....	10c	25c	45c
Mammoth Melting Sugar.....	10c	35c	60c

Peppers

	Pkt.	½ oz.	Oz.	¼ lb.
Chinese Giant Red.....	10c	35c	60c	\$2.00
Large Bell or Bull Nose.....	10c	35c	55c	1.75
Long Red Cayenne.....	10c	35c	55c	1.75
Neapolitan	10c	35c	55c	1.75
Red Chili	10c	30c	55c	1.75
Ruby King	10c	35c	55c	1.75
Royal King	10c	35c	55c	1.75
Ruby Giant	10c	35c	55c	1.75

Potatoes

Certified Red River Stock

	Not Prepaid	10 lbs.	100 lbs.
Bliss, Triumph.....	\$1.00		\$5.00
Early Ohio.....	1.00		5.00
Eureka	1.00		5.00
Early Rose	1.00		5.00
Irish Cobbler.....	1.00		5.00

Main Crop Varieties

Russets .....	.75	3.75
N. Y. Rurals.....	.75	3.75
Peerless (Improved).....	.75	3.75

Pumpkins

	Pkt.	Oz.	¼ lb.	lb.
Cheese or Kentucky Field.....	5c	10c	.35	1.00
Connecticut Field	5c	10c	.35	1.00
King of Mammoth or Jumbo.....	5c	15c	.45	1.50
Sugar	5c	10c	.35	1.10

Radish

Early Turnip Shaped Varieties

	Pkt.	Oz.	¼ lb.	lb.
Extra Early Scarlet.....	5c	10c	.25	.75
P.-W.'s Earliest.....	5c	10c	.25	.75
P.-W.'s Scarlet White Tipped.....	5c	10c	.25	.75
French Breakfast.....	5c	10c	.25	.75
P.-W.'s Sparkler.....	5c	10c	.30	.85

Long Varieties

Icelle	5c	10c	.25	.75
Long Scarlet, Short Top.....	5c	10c	.25	.75
White Strassburg.....	5c	10c	.25	.75
White Vienna	5c	10c	.25	.75

Winter Varieties

Chinese Rose	5c	10c	.30	.85
Long Black Spanish	5c	10c	.30	.85
Round Black Spanish.....	5c	10c	.30	.85

Rhubarb or Pie Plant

Victoria	5c	15c	.50	1.50
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Salsify or Vegetable Oysters

Mammoth Sandwich Island... ..	5c	20c	.65	2.00
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Spinach

Long Seasons	5c	10c	.20	.60
Long Standing	5c	10c	.20	.60
P.-W.'s Bloomsdale Savoy.....	5c	10c	.20	.60
Prickly Winter	5c	10c	.20	.60

Swiss Chard (Spanish Beet)

Lucullus Swiss Chard.....	5c	15c	.45	1.50
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Squash

Early White Bush, Scalloped..	5c	15c	.40	1.25
Long White Marrow.....	5c	15c	.40	1.25
Yellow Summer Crookneck.....	5c	15c	.40	1.25
Vegetable Marrow	5c	15c	.40	1.25

Write for Special Prices if you buy in larger quantities of Garden Seed than herein quoted

CONDENSED POSTPAID PRICE LIST GARDEN SEEDS—Continued.**Squash****Winter Varieties**

	Pkt.	Oz.	¼ lb.	lb.
Chicago Warded Hubbard.....	5c	15c	.50	1.50
Essex Hybrid	5c	15c	.35	1.25
Hubbard	5c	15c	.50	1.50
Mammoth Chili	5c	15c	.60	1.75
Utah Giant Field.....	5c	15c	.35	1.25
Pike's Peak or Simplex.....	5c	15c	.60	1.75

Tomato**Early Varieties**

John Baer.....	5c	30c	1.00	3.00
Acme	5c	30c	1.00	3.00
Beauty	5c	30c	1.00	3.00
Bonny Best.....	5c	30c	1.00	3.00
Chalk's Early Jewel.....	5c	30c	1.00	3.00
Early Detroit	5c	40c	1.35	4.00
Early Michigan.....	5c	40c	1.35	4.00
P.-W.'s Extra Early Earliana..	5c	40c	1.35	4.00

Main Crop Varieties

Delaware Beauty	5c	40c	1.65	4.00
Dwarf Champion	5c	40c	1.35	4.00
Greater Baltimore	5c	40c	1.35	4.00
Landreth's Red Rock.....	5c	40c	1.35	4.00
Livingstone's Hummer	5c	40c	1.35	4.00
Matchless	5c	30c	1.00	3.00
My Maryland	5c	30c	1.00	3.00
New Stone	5c	30c	1.00	3.00
P.-W.'s Imperial	5c	40c	1.35	4.00
Ponderosa	5c	40c	1.35	4.00

Small Fruited Varieties

Red Pear Shaped.....	5c	45c	1.50	4.50
Red Cherry	5c	45c	1.50	4.50
Strawberry or Husk.....	5c	45c	1.50	4.50
Yellow Plum	5c	45c	1.50	4.50

Ask for special price list on Vegetable Plants
ville Greenhouses. See page 27.

Turnips

	Pkt.	Oz.	¼ lb.	lb.
Extra Early Purple Top Milan..	5c	15c	.50	1.50
Extra Early White Milan.....	5c	15c	.50	1.50
Early Purple Top Strap Leaf...	5c	15c	.30	.85
Pomerine White Globe.....	5c	10c	.30	.85
Purple Top White Globe.....	5c	10c	.30	.85
Snowball	5c	10c	.30	.85
White Egg	5c	10c	.30	.85
White Flat Dutch.....	5c	10c	.30	.85

Rutabaga or Swedes

Improved Purple Top.....	5c	10c	.30	.85
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Herbs

	Pkt.	Oz.
Anise (Pimpinella Anisum)—Seeds aromatic	5c	20c
Caraway (Carum Carui)—Used in flavoring liquors and bread.....	5c	25c
Catnip (Nepeta Cataria)—Has medical qualities.....	5c	35c
Chervil—Double Curled; used for garnishing.....	5c	30c
Coriander (Coriandrum Sativum)—Seeds Aromatic.....	5c	20c
Dill—Seeds used for flavoring vinegar...	5c	20c
Horehound—Has medical qualities.....	5c	40c
Lavender—True. For oil and distilled water.....	5c	50c
Marjoram—Sweet. Used in seasoning...	5c	30c
Rosemary—Yields an aromatic oil and water.....	5c	50c
Sage—Common. A culinary herb; also used in medicine.....	5c	50c
Savory (Satureja Montana)—Winter. Used as a culinary herb.....	5c	40c
Thyme (Thymus Vulgaris)—Broad Leaved English. Used as a seasoning.....	5c	50c

we grow them in large quantities at our Center-

LAWN SEED

The ground should be well spaded and thoroughly raked, so that the soil is fine and free from lumps and its surface smooth, even and firm. If a thick, heavy sod is wanted quickly, seed should be sown at the rate of one pound to 150 to 200 square feet. It takes twice as much seed to make a lawn as it does for raising hay and it frequently happens that good results are not obtained on account of scanty seed. After sowing, seed should be well raked in, and on a light sandy soil, well rolled. Heavy soils do not require much rolling when grass is established. The lawn may be much improved by rolling after each cutting. The best time to sprinkle is early in the evening. Lawns always do best if seeded in early spring or latter part of August but when necessary to seed in midsummer it will be advantageous to sow a little oats with the lawn seed to protect the tender grass from the intense heat of the sun. The weeds and foul grass, which most soils produce, can be kept down and destroyed by repeated mowing. The seed offered on this page has been most carefully selected and none better can be obtained anywhere.

P.-W.'s VELVET GREEN LAWN MIXTURE

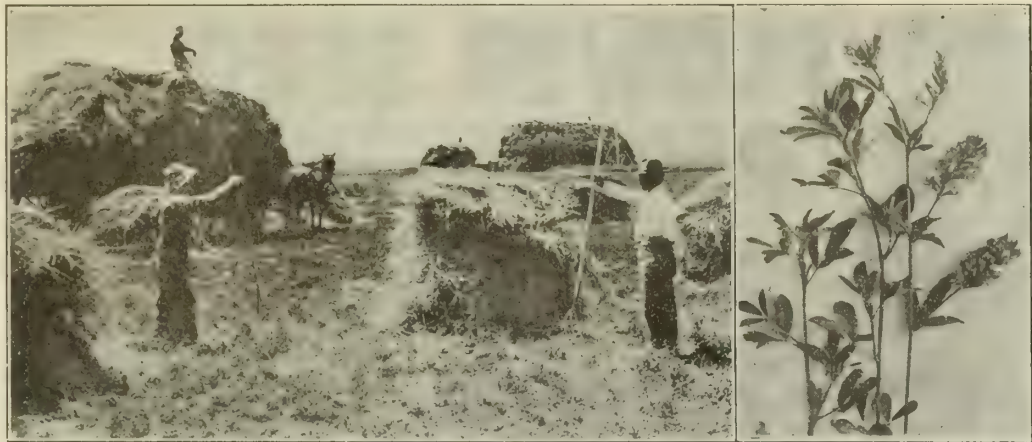
The best lawn seed experience can suggest of that money can buy. Produces a beautiful, permanent lawn in four to six weeks. The most important thing to consider in selecting seeds for lawn grass is to obtain proper mixture of several varieties, for two reasons: First, each variety is at its best during a certain part of the season. By properly choosing early, medium and late grasses a smooth, even green lawn is assured from early spring to late autumn. Second, a given area can support only so many grass plants of one kind, for they all absorb the same sort of food, but if several varieties are sown the same area will support more plants, as different sorts live on various elements in the soil. This will give a much thicker and more luxurious turf all over the lawn. With these facts in mind, our P.-W.'s Velvet Green Lawn Seed is scientifically combined. Our experience has given us an intimate knowledge of grasses, their habits and requirements. In P.-W.'s Velvet Green Grass Seed are included only the best varieties—pure, clean and free from foul seed. Sow at rate of one pound to 200 square feet. Price 80c per lb.; 3 lbs. \$2.25. Postpaid, Not Prepaid, 10 lbs. \$7.00.

Kentucky Blue Grass

Our stock is extra fancy re-cleaned heavy seed. The purest and cleanest obtainable anywhere. A perfect lawn grass. Price 80c per lb.; 3 lbs. \$2.25. Postpaid. Not Prepaid, 10 lbs. \$7.00.

White Clover

First class re-cleaned pure seed. Specially selected for lawn use. Price 85c per lb., postpaid. Not prepaid, 10 lbs. \$7.50.



A typical Hay Crop from P.W.'s Mountain Grown Dry Land Alfalfa Seed

FARM SEEDS

Consistent with our policy to sell only the best we furnish only such grades that have been critically grown from highest germination and purity; this fact should be in mind when comparing prices with other sources of supply. **PRICES FLUCTUATE. WRITE FOR PRICES ON QUANTITIES.**
Price quoted here are those prevailing at the time of going to press and are subject to change without notice. Correspondence is invited

All Seamless Bags Extra at Cost

All Seamless Bags Extra at Cost

Grass Seeds

Clover Seeds

Prices Do Not Include Postage

Prices Are Not Prepaid

	10 Lbs.
Bromis Interemis.....	\$3.50
Red Top—(Agrotis Vulgaris).....	3.00
Orchard Grass.....	3.00
Meadow Fesque.....	3.50
Kentucky Blue Grass.....	7.00
English or Perennial Rye Grass.....	2.25
Italian Rye Grass.....	2.25
Tall Meadow Oat Grass.....	5.00
Timothy—Fancy	2.00
Timothy—Choice	1.75

	10 Lbs.
Alfalfa or Lucern—Fancy.....	\$2.50
Alfalfa or Lucern—Choice.....	2.25
Alsike Clover—(Swedish hybrid).....	3.50
Bokhara or Sweet Clover.....	2.00
Medium Red Clover—Fancy.....	4.00
Medium Red Clover—Choice.....	3.50
White Clover—Fancy	7.50

Grain

	100 Lbs.
Turkey Red Wheat.....	\$3.50
Rye—Mammoth Russian	5.00

5 lbs. and over furnished at 10 lb. rates; 25 lbs. and over furnished at 100 lb. rates.

For Spring Delivery in Addition to the Above Grass and Clover Seeds we Carry a Complete Stock of the Following:

Grains and Miscellaneous

Field Corn

(Market changes rapidly)

	100 Lbs.
Barley—Club, Blue, etc.....	\$3.00
Barley—Naked, Beardless	3.50
Feterita	7.50
Kaffir Corn	6.00
Milo Mais	6.00
Millet—Liberty	10.00
Millet—Japanese	12.00
Oats—Swedish Select	3.00
Rape—Dwarf Essex	15.00
Rye—For Forage	3.00
Spring Rye	3.25
Sorghum—Early Amber	7.50
Sunflower—Mammoth Russian.....	10.00
Wheat—Early Bart	4.00
Wheat—Marquis, Blue Stem, Dicklow..	3.50
SUDAN GRASS	10.00
Speltz—Spring	7.50

	100 Lbs.
Australian White Flint.....	\$1.00 \$7.50
Iowa Silver Mine	1.00 7.50
Improved Leaming	1.00 7.50
Pride of the North.....	1.00 7.50
Yellow Dent	1.00 7.50
Utah Dry Land Corn—White Flint.....	1.00 7.50
Utah Dry Land Corn—Yellow Dent....	1.00 7.50

Silo Corn

The Wonder Crop for all Dairy Farming Districts	
P.W.'s Silo Corn No. 1.....	\$1.00 \$7.50
P.W.'s Silo Corn No. 2.....	1.00 7.50
Red Cob Ensilage	1.00 7.50

Field Peas

Canada Field .....	.95 6.50
San Luis Valley .....	.95 6.50
Idaho White .....	.95 6.50

If It Grows in Lawn, Garden or Farm—We Have It—Write Us

FLOWER SEED DEPARTMENT



P.-W.'s "BIG FOUR" FLOWER SEED COLLECTIONS

The collections offered below are made up of only tried and choice varieties, carefully selected to furnish varied, profuse and continuous display of flower throughout the season. As they are put up in advance of our rush season, no changes can be allowed at the reduced prices at which they are sold. Like all other seeds we send out under P.-W.'s label, these seeds are fresh and of highest purity and germination. Cannot fail to please you in every way.

Collection No. 1

ANNUAL FLOWER SEEDS

For Gardens, Beds, Borders, Etc.

1 Pkt. Each of Kinds Enumerated Below \$1.00
Postpaid. (Regular Price \$1.50)

Ageratum—Compact bushes, 8 inches high, blue flowers.
Alyssum, Little Gem—An improved white Sweet Alyssum.
Aster, P.-W.'s Giant Branching—Mixed colors.
Calliopsis, Golden Wave—Large flowers, freely produced.
Candytuft—Hyacinth-like spikes of white flowers.
Celosia—Brilliantly showy.
Cosmos, Giant-Flowering—Mixed; fall-flowering, fine.
Dianthus, Double Pink—Colors, edged and marbled.
Escholtzia, Golden West—California Popples.
Hollyhock, Annual Ever-Blooming—Mixed colors.
Larkspur, Giant Hyacinth-Flowered—Large showy spikes.
Marigold—Mixed; Improved African.
Mignonette—Large spikes of fragrant flowers.
Nasturtiums, Giant Flowering Dwarf—Various colors.
Petunia, Large Flowering, Single Mixed—Blotched, striped.
Phlox Drummondii, Large Flowering, Mixed—Improved.
Poppy, Giant Double, Brilliant Mixture—Immense flowers.
Salvia, Scarlet Sage—Vivid scarlet.
Scabiosa, Double—Mixed colors, large-flowering.
Stocks, Large-Flowering Dwarf, Double, 10 Weeks—Mixed.
Sweet Peas, Giant Spencer—Mixed.
Verbena, Mammoth, Mixed—Large flowers.
Zinnia, Large Double—Mixed colors, immense flowers.

Collection No. 2

SEEDS OF HARDY CLIMBERS (For Permanent Positions)

One Pkt. Each of Kinds Enumerated Below 25c
Postpaid.

Ampelopsis Veitchii (Boston Ivy)—Clings to walls, etc.
Aristolochia Sipho—Dutchman's Pipe Vine.
Bigonia Grandiflora—Trumpet Creeper, 40 feet.
Clematis Paniculata—Mass of white star-like flowers.
Kudzu Vine—Grows rapidly, pea shaped, purple flowers.
Lathyrus Latifolius (Everlasting Pea)—Mixed colors.

Collection No. 3

HARDY PERENNIAL FLOWER SEEDS

For Gardens, Borders and Groups

1 Pkt. Each of Kinds Enumerated Below \$1.00
Postpaid. (Regular Price \$1.50)

Achilles Ptarmica, fl. pl.,—Double white flowers, profuse.
Alyssum Saxatile Compacta—Spring-blooming.
Aquilegia of Columbine, Hybrids—Beautiful new colors.
Asters, Hardy—Improved Michalemas Daisies.
Canterbury Bells—The "Cup and Saucer" type.
Candytuft Gibraltar—Rose and white, hardy.
Coreopsis Lanceolata, Harvest Moon—Golden-yellow.
Delphinium, Large Single Hybrids—Mixed colors.
Dianthus Plumarius, Double Mixed—Grass Pinks.
Digitalis Gloxiodora, Mixed—Foxglove, various colors.
Gaillardia Grandiflora, Mixed—Red, yellow, etc.
Hollyhock, Double, Mixed Colors—Beautiful colors.
Passies, Finest Mixed—Beautiful colors.
Poppy, Hardy Oriental Hybrids, Mixed—Immense flowers.
Pyrethrum, Large-Flowering Hybrids, Mixed—Beautiful blue.
Scabiosa Caucasia—Saucer-shaped.
Sweet William, Large-Flowering, Single—Mixed.
Wall-Flower, Double, Mixed Colors—Fragrant flowers.

Collection No. 4

SEEDS OF CLIMBING ANNUALS

One Pkt. Each of Kinds Enumerated Below for 50c
Postpaid.

Baloon Vine—White flowers, 10 feet.
Canary-Bird Vine—Yellow butterfly-like flowers, 15 feet.
Coboea Scandens—Beautiful rich blue flowers, 20 feet.
Cypress Vine, Mixed—Feathery foliage, star-shaped flowers.
Dolichos—Wistaria-like clusters crimson flowers, 10 feet.
Humulus, Variegated—Foliage striped, 20 feet.
Moon Flower Vine—Immense white flowers, 50 to 75 feet.
Morning Glory, Imp. Jap., Mixed—Magnificent colors.
Nasturtium, Climbing, Mixed Colors—New colors, 10 feet.
Sweet Peas, Grandiflora, Mixed—Finest Strain.

P.-W.'s GIANT SPENCER SWEET PEAS

1 Pkt. 5 feet of Row

1 oz. 20 feet of Row

The introduction of this type has created new interest and added to the popularity of Sweet Peas. They are quite distinctive from the standard sorts, having large, round, open flowers of extraordinary size, usually measuring two inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All of the sorts offered below have been thoroughly tested, and are just as easy to grow as the standard varieties. Our stocks are from one of the most critical growers in America and are second to none.

Countless Spencer—A lovely soft rose-pink.

☐ **DOBBIE'S CREAM**—The finest primrose-yellow.

☐ **FLORENCE NIGHTENGALE**—The largest and finest pure lavender.

Florence Morse Spencer—Delicate blush with pink margin.

☐ **FLORA NORTON SPENCER**—Clear azure blue.

George Herbert—Bright rose-carmine.

Helen Lewis (Orange Countess)—Brilliant Crimson-orange, wings orange-rose.

☐ **ILLUMINATOR**—Rich salmony-orange overlaid with bright cerise-pink, the effect being a glowing orange-scarlet.

☐ **KING EDWARD SPENCER**—Best crimson-scarlet.

☐ **MARGARET ATLEE**—The best rich pink.

Mrs. Hugh Dickson—Beautiful salmon-pink on a cream ground.

Nora Unwin—Superb pure white.

Othello Spencer—Deep rich maroon.

☐ **ROYAL PURPLE**—Very distinctive rich purple.

☐ **SENATOR SPENCER**—Striped purplish-chocolate on white.

☐ **KING WHITE SPENCER**—A pure wavy white of enormous size.

Price: Any of above Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.50, Postpaid.

BIG ☐ COLLECTIONS OF P.-W's. GIANT SPENCERS

(A) Consists of regular 1 pkt. each of the above nine varieties marked ☐ which indicates each one is a leader in its color. These nine packets, regular value 90c, Postpaid for 50c.

(B) This is made up of one ounce each of the above nine ☐ varieties, regular value \$2.70. Sent Postpaid for \$2.25.

P.-W.'s SPECIAL MIXTURE OF SPENCERS—We have included in this lot not only many of the above sorts, but several others which are new and striking in this class. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

Inoculate Sweet Peas with Farmogerm for Longer Stems and Larger Flowers. See pg. 30.

SWEET PEAS

Standard or Grandiflora

While the stems are shorter and the flowers not so large as the Spencer types, they bloom so profusely that many refuse to discard them in favor of the new. We offer the following colors:

White, Pink, Red, Orange, Yellow, Lavender, Maroon, Blue, Purple and Variegated.

Price: Any of the above colors, pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.50, Postpaid.

GRANDIFLORA SWEET PEAS—All colors mixed, pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.25, Postpaid.

DWARF CUPID SWEET PEAS or Tom Thumb

These are very compact dwarf plants, growing not over six or seven inches high. Covering a circumference of about eighteen inches. From June until late summer they are literally a sheet of bloom. Pkt. 5c; oz. 15c; ¼ lb. 50c.

CONDENSED POSTPAID PRICE LIST ON FLOWER SEEDS

See General Catalog For Descriptions

	Postpaid Pkt.		Postpaid Pkt.
Asters —Improved Crego. Mixed colors.....	10c	Ampelopsis —Boston Ivy.....	5c
Asters —Improved Crego. Separate colors.....	10c	Antirrhinum —(Snapdragon) Tall. Separate colors.....	10c
Asters, King —Separate colors and mixture.....	10c	Antirrhinum —(Snapdragon) Tall. Mixed colors.....	10c
Asters Paeony Flowered —Mixed colors.....	10c	Antirrhinum —(Snapdragon) Half Dwarf. Separate colors.....	10c
Asters P.-W. Giant Branching —Mixed colors.....	10c	Antirrhinum —(Snapdragon) Half Dwarf, mixed colors.....	10c
Asters, P.-W. Giant Branching —Separate colors.....	10c	Aquilegia —(Columbine) Double mixed.....	5c
Asters, Queen of Market —Separate colors.....	10c	Aquilegia —(Columbine) Single mixed.....	5c
Asters, Queen of Market —Mixed Colors.....	10c	Aristolochia Siphon —(Dutchman's Pipe).....	10c
Asters, P.-W.'s Special Mixture Dwarf Sorts	10c	Baloon Vine —Climber. Flowers white.....	5c
Asters, P.-W.'s Special Mixture Tall Sorts	10c	Balsam —Double Camella, Flowers mixed.....	10c
Asters, Hardy —Mixed colors.....	10c	Begonia —(Semperflores) Mixed.....	10c
Achillea (The Pearl) —White flower.....	15c	Begonia —Tuberous Rooted, double.....	25c
Aconitum —Monkshood, Blue spikes.....	5c	Begonia —Tuberous rooted, Single.....	25c
Acrolinium —Everlasting double mixed.....	5c	Bignonia Radicans —Trumpet vine.....	5c
Acrolinium —Everlasting single, mixed.....	5c	Calliopsis —Golden Wave, yellow.....	5c
Adonis —Feathery Foliage, red flowers.....	5c	Calliopsis —All colors, mixed.....	5c
Ageratum —Blue, white and mixed.....	5c	Calendula, Orange King —Orange red.....	5c
Allysum, Little Gem —Dwarf, white.....	5c	Calendula —Double, all colors, mixed.....	5c
Allysum —Sweet, white.....	5c	Canary Bird Vine —Yellow Climber.....	5c
Allysum, Saxatile Compactum —Hardy yellow.....	5c	Candytuft —Crimson, pink or white.....	5c
Amaranthus, Tricolor —(Joseph's Coat).....	5c	Candytuft —All colors mixed.....	5c
Amaranthus, Caudatus —(Love Lies Bleeding).....	5c		
Amaranthus, Cruentus —(Princess Feather).....	5c		

CONDENSED POSTPAID PRICE LIST ON FLOWER SEEDS—Continued**Postpaid Pkt.**

Candytuft —Perennial, white to lilac.....	10c
Cardinal Climber —Fern-like foliage.....	15c
Canna —Giant flowered, mixed.....	5c
Canterbury Bells —Single mixed.....	5c
Canterbury Bells —Double mixed.....	10c
Carnation —Chabauds, mixed.....	10c
Carnation —Marguerite, mixed.....	10c
Castor Bean —Many sorts, mixed.....	5c
Cobea Scandens —(Cathedral Bells).....	5c
Celosia —Coxcomb, Dwarf varieties mixed.....	5c
Celosia Plumosa —Plumed and feathered.....	5c
Centaurea Cyanus —(Bachelor Button).....	5c
Centaurea Imperiales —(Giant Sweet Sultan).....	5c
Centaurea Gymnocarpa —(Dusty Miller).....	5c
Clematis —Large Flowering Mixed.....	10c
Chrysanthemum —Double White.....	10c
Chrysanthemum —Double, mixed colors.....	5c
Chrysanthemum —Single, mixed colors.....	5c
Chrysanthemum —Annual, varieties mixed.....	5c
Coleus —New hybrids.....	25c
Coreopsis, Lanceolata —Golden yellow.....	10c
Cosmos, Giant Flowered —Mixed.....	5c
Cosmos —Early flowering hybrids.....	5c
Cosmos —New Giant Double Crested.....	15c
Cyclamen —Mixed Persian Violets.....	10c
Cyclamen —Giant Flowered Mixed.....	15c
Cypress Vine —Mixed.....	15c
Dahlia —Best Double Mixed.....	10c
Dahlia —Double Cactus, mixed.....	10c
Daisy —Double Mixed.....	10c
Daisy —Montrosa double, mixed.....	15c
Daisy —Shasta, Alaska, white.....	10c
Digitalis —(Foxglove) Mixed.....	5c
Dolichos —(Hyacinth bean) Mixed.....	5c
Dianthus —(Or Pinks) Chinese double.....	5c
Dianthus —Double fringed pinks.....	5c
Dianthus —P.W.'s Special Mixture.....	10c
Escholtzia (California Poppy)—Yellow.....	5c
Escholtzia (California Poppy)—White.....	5c
Escholtzia (California Poppy)—Single mixed.....	5c
Escholtzia (California Poppy)—Double Mixed.....	5c
Escholtzia (California Poppy)—New, large fl.....	10c
Forget-Me-Not —Delicate Blue.....	10c
Four-O-Clock —Mixed colors.....	5c
Gallardia —Single or double, mixed.....	5c
Gallardia —Hardy double mixed.....	10c
Godetia —Many sorts mixed.....	5c
Godetia —Dwarf sorts mixed.....	5c
Golden Rod	5c
Gypsophilla —Annual mixed.....	5c
Gypsophilla —Perennial, mixed.....	5c
Gourds —Small fruited mixed.....	5c
Gourds —All varieties mixed.....	5c
Grasses —Ornamental mixed.....	10c
Hellanthus —Double Chrysanthemum Sunflower.....	5c
Hellanthus —Mammoth Russian.....	5c
Hellechrysum (Everlasting)—Double.....	10c
Hop Japanese —Rapid climber.....	5c
Hop Japanese —Variegated.....	10c
Hollyhock —Double mixed.....	10c
Hollyhock —Semi-double.....	10c
Ice Plants —Folilage thick and frostlike.....	5c
Jobs Tears —Ornamental Grass.....	5c
Kochia —Mexican fire bush.....	5c
Lavender —Sweet.....	10c
Larkspur —Perennial, white or blue.....	5c
Larkspur —Perennial, deep blue.....	10c
Larkspur —Perennial, belledona hybrid.....	20c
Larkspur —Annual, double.....	5c
Lobelia —Chrystal Palace, Dark blue.....	10c

Postpaid Pkt.

Lobelia —Mixed dwarf.....	5c
Marigold —Dwarf French, double mixed.....	5c
Marigold —Dwarf African, double mixed.....	5c
Marigold —Tall African, double mixed.....	5c
Marigold —Orange ball.....	10c
Matricaria —Feverfew.....	10c
Mignonette —Matchet, dwarf, edging.....	5c
Mignonette —Sweet scented.....	5c
Morning Glory —Climbing, mixed.....	5c
Morning Glory —Japanese, mixed.....	5c
Moonflower —Mixed.....	10c
Nicotiana —Hybrids.....	10c
Nigella —Mixed colors.....	5c
Nigella —Miss Jekyll.....	10c
Petunia —Giant flowering, single fringed.....	25c
Petunia —Giant flowering, double mixed.....	25c
Petunia —Bedding hybrids, single mixed.....	10c
Petunia —(Nana Compacta) Dwarf mixed.....	10c
Nasturtium —Dwarf mixed.....	oz 15c 5c
Nasturtium —Tall, mixed colors.....	oz. 20c 5c
Phlox —Large flowering mixed.....	10c
Phlox —Dwarf, finest mixed.....	10c
Phlox —Perennial, mixed colors.....	10c
Portulaca —Single mixed colors.....	5c
Portulaca —Double, mixed colors.....	10c
Pueraria Thun —Kudzu Vine.....	10c
Pansy —Bugnot, giant mixed.....	10c
Pansy —Cassiers giant mixed.....	10c
Pansy —Trimardeau giant mixed.....	10c
Pansy —P.W.'s Superb Giant mixed.....	10c
Pansy —English mixed.....	10c
Pansy —French mixed.....	10c
Poppy —Mikado mixed double.....	5c
Poppy —Carnation mixed double.....	5c
Poppy —Paeony flowering, mixed double.....	5c
Poppy —Double Shirley, new.....	15c
Poppy —All varieties, double mixed.....	5c
Poppy —Tulip flowered, single.....	5c
Poppy —Shirley, single mixed.....	5c
Poppy —Single mixed, all varieties.....	5c
Poppy —Iceland, Perennial, red.....	5c
Poppy —Oriental, Perennial, red.....	5c
Primrose —Chinese choice mixed.....	25c
Primrose —Polyanthus (Cowslip).....	10c
Primrose —English.....	10c
Pyrethrum —Golden Feather.....	10c
Pyrethrum —Roseum Hybridum.....	15c
Salpiglossis —Large flowering.....	5c
Salvia —(Scarlet Sage) Splendens.....	10c
Scabiosa —(Mourning Bride) Double mixed.....	5c
Scabiosa —Perennial, soft lavender.....	10c
Schlipanthus —(Poor Man's Orchid).....	10c
Smilax —Graceful climber.....	10c
Stocks —Double, 10 weeks, mixed colors.....	10c
Stocks —Double, 10 weeks, separate colors.....	10c
Stocks —Beauty of Nice.....	10c
Stocks —Queen Alexadria.....	10c
Sweet Peas —See previous page.....	
Sweet William —Single mixed.....	5c
Sweet William —Double mixed.....	5c
Verbenas —Mammoth, mixed.....	5c
Verbenas —Mammoth, separate colors.....	5c
Viola —Odorata, sweet violet.....	5c
Wild Cucumbers	5c
Wall Flower —Single, mixed colors.....	5c
Wall Flowers —Double, mixed colors.....	10c
Zinnias —New Giant, double mixed.....	10c
Zinnias —New Giant separate colors.....	10c
Zinnias —Elegans, double mixed.....	5c

SUMMER FLOWERING BULBS

We grow and offer only the most popular sorts. They are inexpensive, easily grown, require little care, and make a rare and gorgeous display. They cannot fail to give satisfaction.

LARGE FLOWERING CANNAS

The Canna has long been a great favorite, and since the introduction of many varieties their value has been greatly increased by adding to the already attractive foliage and large flowers of the most brilliant colors, so that they are now indispensable. Plant out-of-doors in the middle of May, when weather is warm and danger of frost is over. Do not water too freely until well started, when they should have an abundance.

It is quite an advantage to start the roots inside the latter part of March and transplant them to the open ground when all danger of frost has passed.

CRIMSON BEDDER—Crimson flowers, green foliage, height 4 feet.

DAVID HARUM—Crimson flowers, bronze foliage, height 3½ feet.

Florence Vaughan—Flowers yellow spotted brown, bronze foliage, height 5 feet.

Mad Crozy—Flowers vermillion with gold eye, green foliage, height 3½ feet.

Munt Blanc—Pure white flowers, green foliage, height, 4 feet.

Venus—Rose-pink flowers mottled cream, green foliage, height 3½ feet.

Wyoming (King Humbert)—Orange-scarlet flowers, bronze foliage, height 5 feet.

Price: Dormant Roots; any of above 20c each; 2 for 35c; \$1.75 per dozen, postpaid.

MIXED CANNAS—Comprising good kinds, our selection, superb for bedding or massing. Strong plants 15c each; 6 for 80c; \$1.50 per dozen, postpaid.

TUBEROSE

The Tuberose is pre-eminently a flower for everybody. The lovely waxy flowers are so fragrant that a few tips will perfume a room or green house. It is especially desirable for furnishing a continuous supply of blooms for bouquets, cut flowers or ladies hair. The tips may be taken off as they expand, and if you do this gradually a few plants will provide for a long period. For open ground culture, plant in May or June in a warm location.

Double Dwarf Pearl—This is an improved strain of the Dwarf Pearl, bearing very heavy spikes of double flowers. Each 10c; 75c per doz. postpaid.

GLADIOLUS

These are the most attractive and useful of all summer-flowering bulbs, and as a cut flower all through the summer months and well into the autumn they hold a place that cannot be taken by any other flower. Our list comprises only the best both in mixture and in named sorts.

A succession of bloom may be had from July to October by making plantings two weeks apart to the end of June. To make a good show they should be planted from three to four inches apart each way, the large bulbs being covered about six inches deep, smaller ones from three to four inches.

If wanted by mail the prices on single and dozens include postage. For large quantities the weight is about 10 lbs. per 100 bulbs. See page 2 for parcel postage.

AMERICA—A beautiful soft pink. For florists' use it has no equal. Each 7c; per dozen 75c.

Blue Jay (Baron Hulot)—The only real blue Gladiolus on the market. Each 10c; per dozen \$1.00.

Europe—The finest pure white. Each 15c; per dozen \$1.50.

MRS. FRANCES KING—A striking shade of scarlet. Each 7c; 75c per dozen.

Mrs. Frank Pendleton—A lovely salmon-pink with brilliant deep red blotches in the throat. Each 10c; \$1.00 per dozen.

Panama—Solid deep pink. Each 10c; per doz. \$1.

Niagra—Beautiful cream, blending to yellow, throat splashed with carmine. Each 10c; per dozen \$1.00.

SCHWABEN—A clear canary-yellow with a small blotch of deep garnet in the throat. Each 10c; per dozen \$1.00.

P.-W.'s SUPERB MIXED—Our special mixture from the best named and hybrid Gandavensis, Childsli and European types. A well blended combination of all colors, shades and combinations. Per dozen 50c; \$3.50 per 100, Postpaid.



P.-W.'s Superb Mixed Gladiolus

We carry a full line of bulbs for fall planting ready in September, such as Hyacinths, Tulips, Crocus, Narcissus, Daffodils and Lilliums. Ask for Fall Bulb List, which we will mail free on request.



Type of Decorative Dahlia



Type of Cactus Dahlia

DAHLIA

P.-W.'s CACTUS DAHLIAS

Including Both Old and New Sorts

	Postpaid Prices	Each	Doz.
COUNTESS OF LONSDALE—Rich salmon-pink	25c		\$2.50
Kriemhilde—Brilliant pink.....	25c		2.00
GOLDEN GATE—Very large; rich deep golden-yellow	25c		2.50
General Buller—Rich velvety crimson, tipped white	20c		2.00
PERLE DE LYON—Pure white borne on good stems.....	25c		2.00
Hungarian—A finely formed flower, pure old gold shade.....	20c		2.00
Uncle Tom—Dark maroon.....	20c		2.00
Zephyr—Light feathery form of unique coloring, rosy-pink, shading to heliotrope	20c		2.00

P.-W.'s Collection of Cactus Dahlias

One each of the above varieties. \$1.40, postpaid.

P.-W.'s DECORATIVE DAHLIAS

	Postpaid Prices	Each	Doz.
Autumn Glow—A very large, full flower, bronze-yellow	20c		\$2.00
Black Prince—Very dark, almost black..	20c		2.00
Lavender Beauty—A clear, lavender shade. Petals deeply serrated.....	20c		2.00
DELICE—Wonderful, glowing rose-pink perfect shape	30c		3.00

One each of above varieties \$1.50, Postpaid.

P.-W.'s PAEONY FLOWERED DAHLIAS

This new type is fast becoming popular. It could well be described as semi-double of the Decorative form and resembles very much a large semi-double paeony. We have selected a half dozen of what we consider the choicest varieties of this class.

	Postpaid Prices	Each	Doz.
Duke Henry—Brilliant red. Large broad petals. Very free bloomer.....	25c		\$2.50
GEISHA—The showiest and most attractive yet introduced. A rich combination of scarlet and gold, shaded to amber yellow	50c		5.00
Kal Ora—Flowers large rosy-pink, borne on long graceful stems. Height 4 ft.....	25c		2.50

P.-W.'s COLLECTION OF PAEONY FLOWERED DAHLIAS—One each of above six varieties

Postpaid.

P.-W.'s SHOW AND FANCY DAHLIAS

The name Show applies to those varieties producing large, well-formed flowers, showing only solid colors, but may frequently have shaded tips.

	Postpaid Prices	Each	Doz.
A. D. Livoni—Rich pink.....	20c		\$2.00
Bon Ton—A fine ball-shaped flower of deep garnet-red. An extra fine Dahlia.	20c		2.00
Glori De Lyon—Pure white. The largest show Dahlia in cultivation; round as a ball	20c		2.00
Golden Treasure—A beautiful burnt orange color	20c		2.00
GRAND DUKE ALEXIS—A magnificent pure white, over spread with delicate lavender	25c		2.50
Morocco—Large, dark maroon, often tipped with white.....	20c		2.00
Purple Gem—Rich royal purple.....	20c		2.00
Queen of Yellows—Fine clear yellow.....	20c		2.00

P.-W.'s Collection of Show and Fancy Dahlias

One each of above nine varieties. \$1.50, postpaid.

	Postpaid Prices	Each	Doz.
MAUDE ADAMS—Best white.....	25c		\$2.50
Golden Sun—A large massive flower, golden yellow, shaded lighter in the center	20c		2.00
Maid of Kent—Cherry-red, tipped white.....	20c		2.00
Sylvia—Deep pink, pure white center.....	20c		2.00
SOUVENIR DOUZON—Coppery orange red	25c		2.50

One each of above varieties \$1.50, Postpaid.

	Postpaid Prices	Each	Doz.
Queen Wilhelmina—Immense fluffy flower of pure white, with yellow center.....	25c		\$2.50
Souvenir Franz Litz—Dark purple, maroon. Veined and shaded with white.....	25c		2.50
Van Dyck—Mammoth salmon-rose tinted heliotrope. Petals twisted. The most popular of this type.....	25c		2.50

P.-W.'s COLLECTION OF PAEONY FLOWERED DAHLIAS—One each of above six varieties \$1.50



All Nursery Stock shipped by us is accompanied by a certificate of health, issued and signed by an Inspector of the Horticultural Commission. This insures shipments to consist of nothing but healthy stock, free and clear of all scale, insect pests, etc. Orders for Winter and Spring shipments should be placed as early as possible. Three-fourths of the nursery business is done in the Spring months, and when our busy season starts, we are rushed with orders. All orders are filled in rotation as received.

Full Directions for Care and Planting Free With Each Order

It is very easy to transplant trees and shrubs successfully if these directions are followed.

P.-W.'s HOME GROWN ROSES

OUR GREAT SPECIALTY

The Rose is the joy of the rich man's garden and the solace of the poor man's front yard—it gives forth its beauty and perfume to the woman of fashion as well as to the toiler in the factory and on the farm. Certainly there is no plant in the Floral Kingdom that will bring greater reward for cultivation than the Rose.

In planting Roses be sure to remember that the hybrid perpetuals do best on heavy soils; the hybrid teas on the medium heavy soils, and the teas on the lighter soils.

HYBRID PERPETUAL ROSES

The varieties we list in this class are all of vigorous growth and hardy in our climate. Many of them flower the entire summer. Others flower during the month of June and again in August and September.

P.-W.'s RED AMERICAN BEAUTY—Same habits of growth and bloom as the popular forcing American Beauty, the only difference being its adaptability to outside culture; it is much hardier and does not fade as quickly as the old variety when exposed to the wind and direct rays of the sun.

AMERICAN BEAUTY WHITE (Frau Karl Druschki)—Best snow-white rose. Immense in size. Hardy everywhere.

MRS. JOHN LAING—Very delicate pink. The best bloomer in Hybrid Perpetuals.

Paul Neyron—Immense bright shiny pink; clear and beautiful. Very double. Blooms all summer.

PRINCE CAMILLE DE ROHAN—Known as the black rose, owing to its very deep velvety crimson color, passing to intense maroon and shaded black.

ULRICH BRUNNER—Brilliant, cherry-red

P.-W.'s POLYANTHA OR BABY ROSES

Very Desirable Bedding and Edging Roses

A Continuous Sheet of Bloom During the Entire Season

A class of Roses of dwarf habit, bloom all through summer and fall, splendid for bedding or as edgings for borders they are very beautiful. They are useful, either for pot culture, or bedding purposes or for hedge effects

Baby Dorothy—A pure pink with all qualities of the Crimson Baby Rambler.

Crimson Baby Rambler—Hardy and healthy. Blooms in profuse clusters until frost and throughout the winter if taken indoors. Clear, brilliant ruby-red color.

Erna Teschendorf—A deep crimson flushed with carmine.

White Baby Rambler—Same habits of growth as Crimson Baby Rambler. Color pure white.

Madame Cecil Brunner—Color salmon-rose, the most beautiful and lovely of the miniature roses; very fragrant.

Baby Orleans—Brilliant geranium-red, suffused with rose as the flowers mature, large white center.

Price on any of above: 85c each; \$9.00 per doz. All charges Prepaid.

P-W's SUPERB, HARDY, EVER-BLOOMING HYBRID TEA ROSES

This class combines the good points of both the Teas and Hybrid Perpetuals. Blooming freely and without interruption from the first year, like ordinary Tea Roses, with large, finely formed flowers of delightful fragrance. These roses have constitutions which enable them to stand severe winters with only ordinary protection. Our list includes the cream of both old and new.

Unless otherwise noted, price of any on this page: 85c each, \$9.00 per dozen, charges prepaid, strong, healthy 2 year old Dormant Roots.

Betty—Very large flowers of splendid form. Color coppery-rose shaded golden-yellow; deliciously perfumed; without doubt a sterling rose.

Dean Hole—A stout vigorous hardy bush, bearing all summer great numbers of gorgeous, silver carmine Roses with salmon shadings.

Duchess of Wellington—Intense saffron yellow stained with crimson, changing to deep coppery saffron yellow.

Edward Mawley—A beautiful rich crimson touched with maroon, with a delightful velvety gloss on the petals.

GRUSS AN TEPLITZ (Virginia R. Cox)
The best bedding and hedge rose for the Rocky Mountain States. In bloom continuously from early spring until snow.

The color is frey-crimson, shaded with a dark velvety sheen, a combination found in no other rose, perfectly hardy in all sections.

Hoosier Beauty—Beautiful, well-shaped, long buds and large, full perfect flowers of an intense, rich, dazzling crimson-scarlet and deliciously fragrant. Price \$1.25 each.

Junkheer J. L. Mock—One of the best bedding varieties. A deep imperial-pink, the outside of the petals silvery-rose white.

Madam Caroline Testout—Grand bright pink. Flowering freely all summer. Known as the "Portland Rose."

La France* (The queen of all roses.)—Beautiful silvery-pink. Large, full and fine form.

Los Angeles—Luminous flame-pink toned with coral and shaded with translucent gold at the base of the petals. Buds long and pointed, expanding to a flower of mammoth proportions. Beautiful from the opening bud until the last petal drops. A rose which will furnish you from plants grown in your own garden, better flowers than can be produced from the finest of under-glass grown stock. Price: \$1.50 each.

Lyon Rose (Perentiana)—Flowers large, full and double, of remarkable substance. Shrimp-pink, edges of coral-red or salmon-pink, shaded chrome-yellow. Very fragrant. Constant bloomer. Perfectly hardy. \$1.25 each.

Mrs. Aaron Ward—Coppery-orange in the open bud, but golden orange when partly developed, pinkish-fawn of lovely shade when fully open.

Mrs. A. R. Waddell—A rosy-scarlet, opening rosy-salmon, with reverse of petals rosy-scarlet. A sturdy, erect and vigorous grower.

Mme. Jules Groles (Red Kaiserin Augusta Victoria)—A distinct and charming shade of cherry-red.

Mad. Leon Pain—Silvery-pink shading to salmon, base of petals orange. Unquestionably one of the freest blooming Roses in cultivation today.

K. AUGUSTA VICTORIA—This splendid rose should be in every collection. In color it is a soft pearly-white, tinted with just enough lemon in the center to relieve the white; remarkably fragrant; beautifully formed flowers on long, graceful stems; a strong free, healthy grower, with bold, handsome foliage. Can't be beat. See back cover.

Killarney (The Irish Beauty)—Brilliant sparkling pink with large, pointed buds.



Gruss An Teplitz—Blooms from June to Snow

Irish Fire Flame—The name describes this rose: unique and unlike any other rose; color of close bud fiery-orange red, shading to lighter at base when full open, bright salmon; five petaled and single; one of the daintiest and sweetest things imaginable.

Mrs. Charles Russell—The bud is fully as large as American Beauty but longer and pointed; color of a bright rose-pink, deeper towards the center. Price: \$1.00 each.

Mrs. George Sawyer—Fragrant, perfect form and color; large brilliant, rose-pink. A strong grower, it is a fine variety for forcing.

OPHELIA—Color salmon-flesh, shaded with rose; large and perfect shape. \$1.25.

Rhen Reid—It never mildews or black-spots. A rich, dark, velvety red.

Richmond—Immense scarlet-crimson. A rival of the American Beauty, and even more dazzling.

Sunburst—Long, pointed buds, color is orange-copper or golden-orange and golden-yellow; edge of petals lighter.

Old customers will notice we have eliminated a number of Roses listed in our previous catalogs. This has been done only after careful comparison with those added or still retained to make sure that we cut out nothing but inferior types. So if some familiar name is missed from this list you may be sure a better and more desirable one will be found to take its place. Our aim is to cut out everything but those that will handsomely reward for time and cost of cultivation.

P.-W.'s HARDY CLIMBING ROSES

Including the Ramblers, Climbing Polyanthas and Wichuriana

These roses are suitable for planting where they can climb on walls, fences, galleries, pillars, pergolas, arches, etc.; in fact, wherever a hardy climber is required.

Price of any on this page, except where noted, 85c each; 12 for \$9.00; two year old field grown shrubs, all charges prepaid.

American Pillar—A single-flowering variety of great beauty, which appeals to everyone. Flowers are enormous in size, three to four inches across, of a lovely shade of pink, with a clear white eye and cluster of yellow stamens.

Climbing American Beauty—Same color, size and fragrance as American Beauty, with the addition of the climbing habit.

Climbing Cecil Brunner—Very robust and one of the strongest climbers in the rose family. Hardy and suitable for all sections.

Climbing Mme. Caroline Testout—A solid cerise-pink and does not fade. Highly fragrant.

Climbing Kaiserin Augusta Victoria—This is easily the grandest climbing white rose extant.

Climbing Baby Rambler, or Miss G. Messman—This is a true ever-blooming Crimson Rambler. A climbing form of the Baby Rambler.

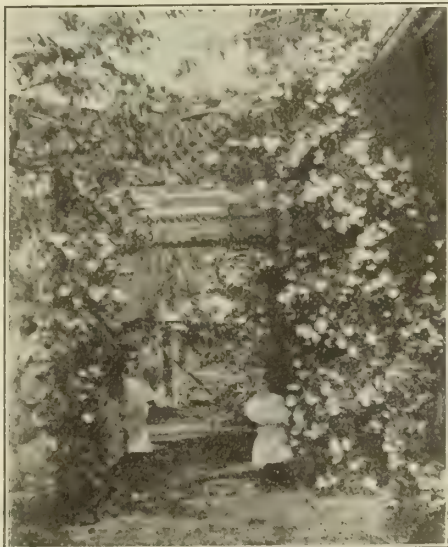
Dorothy Perkins—Beautiful shell-pink color, which holds for a long time, fading finally to a lovely deep rose; very sweet scented.

Excelsia or Red Dorothy Perkins—A brilliant Crimson Rambler flower on glossy, varnished Wichuriana foliage.

Ever-Blooming Rambler, or Flower of Fairfield—This is a much-heralded ever-blooming Crimson Rambler; deep crimson in immense clusters.

Tausendschoen, or Thousand Beauties—White delicately flushed pink, changing to rosy-carmine.

White Dorothy Perkins—Same habit of bloom as Red and Pink Dorothy Perkins.



White Dorothy Perkins (Second Year from Planting)

P.-W.'s INTRODUCTORY ROSE OFFER

Of Ten Everbloomingers for Your Rose Garden for \$7.00

That you may know the excellence of our Home Grown Stock and our facilities for packing and delivery so that roses reach you in a healthy, thrifty condition, we make this exceptionally low offer of **\$7.00 for one each of the following ten roses, all charges prepaid.** Every one is a top-notch, hardy in most any situation, all 2 year old field grown shrubs and guaranteed to bloom continuously during the entire season, if given just an ordinary chance.

Jonkheer J. L. Mock—Silvery rose-pink.
Duchess of Wellington—Copper-yellow.
Edward Mawley—Deep, rich, crimson.
Gruss An Tepplitz—Dark crimson-red.
Kaiserin Augusta—Blush-white.

Mrs. Chas. Russell—Wonderful deep rose-pink.
Sunburst—Orange-yellow.
White American Beauty—Pure white.
Climbing American Beauty—Red.
Climbing Cecil Brunner—Pink.

One each of above ten choice 2 year old dormant shrubs for \$7.00, Prepaid.

Important Hints About Roses

Unpacking Roses—Should plants, when received, have a withered appearance caused by an unusual delay in transit (which seldom occurs), soak them in water for an hour or more so as to restore their vitality.

How to Plant—The rose delights in an open, airy situation; all types are partial to clay loam, but will succeed in any ordinary soil if enriched with well rotted barnyard manure. Dig up the soil thoroughly to a depth of twelve to fifteen inches. When the bush is planted press the soil firmly over the roots. Make a basin around the plant, and water freely to exclude air and to settle the earth.

Pruning—This operation is best performed during the dormant season. Most roses do better if moderately pruned. We usually remove from one-third to two-thirds of the past year's growth, and all weak and decayed wood should be entirely cut out. As a rule the more vigorous the variety the more it should be pruned. It is always the new growth which gives flowers. Most people are apt to prune too sparingly, which retards rather than enhances the free-blooming of their plants.

Time for Planting—In this intermountain region, the best time for planting is in the spring, immediately after the frost is out of the ground, and as soon as the ground can be worked nicely.

Delivery Charges are Prepaid on all Roses at prices quoted in this catalog. You are, therefore, as close to our Rose Grounds as your Express or Post Office.

SUMMER BEDDING PLANTS

The following plants are raised from the choicest grades of seeds, and will surely please the most particular. We will be able to supply them fresh from our greenhouse, from April 25 to June 15. They are extra strong, transplanted, flat-grown stock, or else from two inch pots. If wanted by mail, add 10c per dozen for postage. Price: 75c per dozen; \$4.00 per 100.

*Asters—Mixed.
Balsam.
Carnations—Marguerite.
*Cosmos—Mixed.
Fever Few—Mixed.
Double Daisy—Mixed.
Lobelia—Blue.
Marigold.
*Marguerite—Mixed.
Petunia—Mixed.
Phlox—Drummondii—Mixed.
Salvia.
*Snapdragon—Mixed.
Stocks—Mixed.
Verbena—Mixed.
*Zinnias—Mixed.

*Marked varieties can be furnished in separate colors at same price.

THE FOLLOWING PLANTS ARE POT GROWN Propagated From Cuttings

Ready from April 15 to June 15. Priced by Express. If wanted by Mail, Add 5c Each or 25c a Dozen, in 2½ inch pots.

	From 2½ in. Pots	From 4 in. Pots. By Express Only
	Each Doz.	Each Doz.
Begonia Vernon—Bright red.....	25c \$2.00	
Coleus—Assorted varieties.....	25c 2.00	
Geranium, Double—Assorted colors.....	30c 3.00	50c 4.50
Geraniums, Variegated—Border.....	25c 2.00	40c 3.50
Geranium, Ivy Leaved—Assorted.....	30c 3.00	50c 4.50
Geranium, Martha Washington.....	35c 3.50	60c 5.50
Petunia, Giant Double Fringed.....	25c 2.50	
Variegated Vinca—Foliage mottled.....	25c 2.00	50c 4.50
Senecio Scandens (Parlor Ivy).....	25c 2.00	
Snapdragon.....	25c 2.00	



A House of 4-inch Geraniums at Centerville

P.W.'s PANSY PLANTS

Without qualification these plants are excelled by none for beauty, variety of color and markings. Grown with the utmost care from the world's best mixture of Pansy seed. First bloom about April 1. Prices: Large plants in bloom, 1 dozen, 75c; 3 dozen, \$2.00; 100 plants, \$4.75, by mail, add 20c per dozen for postage.

Important—Plants have very little dirt on roots, and should receive careful attention upon arrival. If they appear withered, place in lukewarm water for an interval of ten or fifteen minutes. This will revive them.

HERBACEOUS PERENNIAL PLANTS

Perennials have never been so popular as they are at the present time. Their permanency appeals to all. They are planted once and are always there; living through the winter with little or no protection, the flowers become better as plants grow older. Our prices are for field grown plants. If by mail, add 5c each, 30c per dozen, postage.

Alyssum Saxatile Compactum (Basket of Gold)—An indispensable plant for the rockery or border, growing 1 foot high and producing early in the summer masses of broad, flat heads of bright yellow flowers. Each 25c.

Campanula—In several varieties, including the Canterbury Bell. Each 25c.

Columbine (Aquilegia)—Assorted colors. Price: 25c Each.

Coreopsis Lanceolata—Flowers are bright golden yellow. Each 25c.

Dianthus Barbatus (Sweet William)—Blooms most all summer. Each 25c.

Delphiniums (Hardy Larkspur)—Very graceful, with long spikes of bright flowers; assorted colors. Each 25c.

Digitalis (Fox Glove)—A very ornamental plant, growing to about three feet high; assorted colors. Each 25c.

Poppy, Hardy Oriental—Large flowers. Bright red. Each 25c.

Pyrethrum (Alliagosum Giant Daisy)—Very attractive. Each 25c.

Gaillardia Grandiflora—A mass of blooms the entire season. Flowers are dark red-brown with petals of orange or crimson. Each 25c.

Feverfew Little Gem (Matricaria)—Large double-white flowers; June until October; 12 to 15 inches high. Each 25c.

Forget-Me-Not (Myosotis Alperis)—Low growing producing abundance of fragrant small blue flowers. Each 25c.

Gypsophelia Paniculata (Baby's Breath)—Single. Each 25c.

Plants marked 20c, are \$2.00 per dozen; 25c, are \$2.50 per dozen; 30c, are \$3.00 per dozen; 35c, are \$3.50 per dozen. Add 5c each for postage, if wanted by Parcel Post.

Hardy Garden Pinks—Assorted colors. Each 25c.
Hollyhocks—Handsome double improved varieties of this flower make it a great favorite. Assorted. Each 25c.

Lobelia Cardinals (Cardinal Flower)—Flowers from July to September; color, fiery scarlet; height two feet. Each 25c.

Rudbeckia (Golden Glow)—Height four to six feet, brilliant golden-yellow color during August and September. Each 25c.

Rubekia Newman (Blackeyed Susan)—Golden yellow ray petals around a dark center. Fine cut flowers. Each 25c.

Shasta Daisies—Burbank's new varieties. Ea. 25c.

Santolina Chamaecyparissus Incana (Lavender Cotton)—A dwarf evergreen perennial with attractive silvery white foliage; useful as a rock or border plant and largely used for carpet bedding; prefers a light soil and rather dry position. Each 25c.

Vinica Minor (Periwinkle, or Trailing Myrtle)—Dwarf evergreen trailing plant used extensively for carpeting the ground under shrubs and trees, where it is too shady for other plants. Each 25c.

Violets—Hardy sweet-scented blue. Per clump, 25c each.

CHRYSANTHEMUMS

Old Fashioned Large-Flowering—We offer below five fine large-flowering varieties, which will be found useful for garden decoration:

Autumn Glow—Rose Golden Queen—Yellow.
Indian—Red. Old Homestead—Pink.
Victory—White.

Any of above; 25c each; \$2.50 per dozen.

DOUBLE PEONIES

HARDY EVERYWHERE

THE PEER OF ALL FLOWERS

Peonies will do well in almost any garden soil, but the better enriched the more vigorous the growth. Fall is the best time to procure and transplant the roots, although this may be done in the spring.

The roots should be placed so that the crowns are covered with two or three inches of soil. Too deep planting is a frequent cause of shy flowering. We list below four of the leading named varieties, prices include postage.

Berlola—Large currant red shaded amaranth. 75c each; \$7.50 per dozen.

Eduia Superba—Decoration Day Peony. A beautiful clear pink. 65c each; \$6.50 per dozen.

Mixed Double Peonies—White, red and pink. 55c each; \$5.50 per dozen.

Felix Crousse—Large, ball-shaped, brilliant red. \$1.00 each; \$10.00 per dozen.

Festiva Maxima—The finest white in cultivation. 75c each; \$7.50 per dozen.

HARDY PHLOX

Phlox succeed in almost any soil and position. They should be planted in October or November, or in the very early spring.

B. Compte—A glowing French purple.

Henry Marcel—Red, shading bright salmon.

Price—Any of above, 35c each; \$3.50 per dozen.

Mrs. Jenkins—The best white variety.

R. P. Struthers—Rose carmine, red eye.

FLAG IRIS

Great drought resisters, succeeding in very dry situations where most other plants fail. We offer the following colors. Blue, Yellow, Pink, White, Lavender, Bronze, and Mixed. Price: Strong Divisions, 20c each; \$2.00 per dozen, postpaid.

HARDY ORNAMENTAL CLIMBING PLANTS

Your home, outbuilding, fences and trunks of old trees can be made very attractive by the use of hardy vines. We furnish strong two year old field grown plants at prices given below. If by mail, add 5c each for postage.



Boston Ivy—Major Williams residence, Centerville, Utah.

Ampelopsis Engelmannii (New Virginia Creeper)

—A new American ivy much smaller and thicker foliage, also equipped with tendrils, by which it will climb walls of stone or brick. Price Each 60c.

Ampelopsis Quinquefolia (Virginia Creeper)

—An old favorite for covering back porches, outbuildings, arbors, etc. Perfectly hardy everywhere, and will grow in any soil and situations. Each 50c.

Boston Ivy (*Ampelopsis Veitchii*)

—A most desirable climber clinging firmly to the smoothest surface, covering it evenly with overlapping leaves, which forms a perfect mass of foliage. Color, deep green in autumn, changing to bright shades of crimson and yellow in autumn. Ea. 75c.

Bigonia Radicans (Trumpet Vine)

—Dark red-orange throat free blooming, very hardy and rapid grower. Each 75c.

If by mail add 5c each to above prices for postage.

Clematis Paniculata (Virgin's Bower)—This is hardy, flowers pure white, very fragrant, glossy, rich green foliage. Each 75c.

Clematis Jackmanii—This is the best of all large flowering varieties. Color, a deep violet purple. A strong grower, succeeding well in all localities. Each \$1.00.

Honeysuckle Japonica Halleana (Hall's Japanese)—Almost evergreen sort; flowers pure white, changing to yellow, blooms July to November. Each 60c.

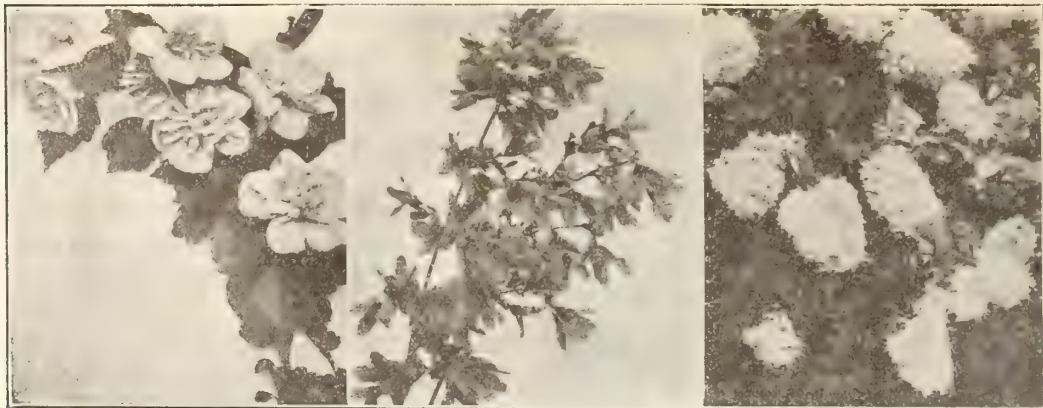
CHINESE WISTARIA (*Wistaria Chinese*)—A rapid-growing vine with handsome foliage and flowers. Flowers pea-shaped, purplish, profusely borne in dense, drooping clusters 7 to 12 inches long, opening in midspring. Each \$1.00.

Chinese White Wistaria (*W. Var. Alba*)—A form of above with pure white flowers. Each \$1.25.



Chinese Wistaria (on Porch)

In selecting your Climbers, don't overlook our splendid collection of Hardy Climbing Roses. See page 21.



Althea (Hib Syriacus) Golden Bells (Forsythia Fortunei) Hydrangea (Paniculata Grandiflora)

HARDY ORNAMENTAL AND FLOWERING SHRUBS

Our prices are for strong, healthy, field grown shrubs, two to four feet high, depending on the variety, some making higher growth than others.

(A) denotes shrubs which attain 9 to 12 feet in height at maturity. (B) denotes shrubs which attain 5 to 8 feet in height at maturity. (C) denotes shrubs which attain 1 to 4 feet in height at maturity.

Althea (Rose of Sharon) (A)—A free-flowering shrub blooming in August and September. Flowers resemble a double hollyhock. **Double Pink, Red or White, 75c each.**

Berberis Thunbergii (Japanese Barberry) (B)—A most beautiful shrub adapted for hedges border, screens or for general purposes. **Two year, 12 to 18 in. shrubs, 50c each; \$4.50 per 10; \$35.00 per 100.**

Cydonia Japonica (Japan Quince) (B)—Very attractive brilliant crimson flowers, among the first in spring. **85c each.**

Dentzia (B)—Luxuriant foliage. Flowers in June and through July and August. **Double Pink, 85c each Double White, 85c each.**

Flowering Almond (B)—One of the early blooming shrubs, producing handsome little flowers in great profusion. **Double Red, \$1.00 each; Double White, \$1.00 each.**

Forsythia (Golden Bell) (B)—The flowers are drooping, golden yellow, and appear very early in spring before the leaves. The best very early flowering shrub. **Each 80c.**

Honeysuckle Upright Tartarian (B)—Grows with upright, somewhat spreading, branches. The flowers are borne freely in May and June, followed by showy red berries, which cling to the bush for several weeks. **White, 80c each; Pink, 80c each; Red, 80c each.**

Hydrangea (Paniculata Grandiflora)—Blooms in July and August and continues in bloom for two or three months; the flowers are massive, cone-shaped, sometimes ten inches in length, and changing from the original pure white to pink, and finally to a beautiful rich coppery red. **Each \$1.00.**

Transportation on all shrubs to be paid by the purchaser. If necessary to ship Parcel Post, add 15c each, for postage. We strongly recommend shipment by Express where possible.

THESE TWO BOOKLETS FREE TO OUR CUSTOMERS

Where Orders Amount to \$5.00; or Choice of Either One on Orders Over \$3.00

"Your Flower Garden"

Just what you want to know about Flowers, Bulbs and Roses.

"Making the Garden Pay"

Helpful hints and cultural notes on the Home Vegetable Garden.

Ask for them when you send in your order.

LILACS (True Syringa)

Alba Grandiflora—Flowers pure white and very fragrant. **80c each.**

Charles X—A strong, rapid-growing variety, with large shining leaves; trusses large, of a reddish purple color. **Each 85c.**

Old Fashioned Purple. **Each 75c.**

Persian Purple—Flowers are deep purple and their familiar fragrance is loved by all. Easy culture and grow in any soil. **Each 80c.**

PRIVET FOR HEDGES

Of all shrubs planted for hedges, none can equal this. Extremely hardy, very easy to grow, and makes a splendid green foliage. **One year shrubs at, \$1.00 per 10, \$5.50 per 100; Two year shrubs at, \$1.25 per 10, \$7.50 per 100.**

Snowball (Viburnum)—Too well known to need description. **Each 80c.**

Spiraea (Thunbergii)—A graceful bush, beautiful at all seasons, with innumerable small white flowers. The tiny leaves turn to a brilliant orange-scarlet in the autumn. **Each 90c.**

Spiraea Van Houttei (Bridal Wreath)—Pure white flowers in clusters or panicles an inch in diameter. **Each 90c.**

Syringa or Mock Orange—This is a grand old favorite shrub. It is prized very highly for its beautiful foliage and white flowers. Very fragrant, resembling somewhat apple blossoms. **Each, \$1.00.**

WEIGELIAS (Diervilla)

Candida—White flowering Weigelia, flowering throughout the summer; 2 to 3 feet. **Each \$1.00.**

Eva Rathke—A charming new Weigelia. Flowers brilliant crimson; flowering throughout the summer. The best of all Weigelias; 2 to 3 feet. **Each \$1.00.**

Rosen—A beautiful shrub with rose colored flowers in May and June; 2 to 3 feet. **Each \$1.00.**

ORNAMENTAL TREES

A city street is not attractive unless softened by the foliage and branches of trees. They shelter the home from excessive heat and dust, add charm to the finest buildings and hide the untidy and unsightly places. There is nothing that adorns a city more than fine shade trees, and the effect is much better when only one kind of a tree is planted on the same street, or, at least, on the same block.

Get your neighbors to co-operate, agree upon a suitable tree, then plant trees uniform size at equal distances apart on the whole block, and you will enhance the value of your property and have a street that lends contentment and refinement to every home.

The following list of deciduous tree (those that loose their leaves in autumn) embraces a selection for all purposes. For street planting, among the leaders for the Rocky Mountain States are Bolleana Poplar, Oriental Plane, Linden, Catalpa, Maples and others; while for lawn and park planting this varied list covers trees of every characteristic in outline and habit, color of foliage and floral diversity.

Prices are for different sized trees, all f. o. b. our Nurseries or Salt Lake City, and in all cases good value will be given, according to price charged.

SHADE TREES

Prices Do Not Include Delivery

Variety	Size	Price	
		Each	Per 12
Ash—White American.....	8-10 feet	\$2.25	\$22.50
Ash—White American.....	6-8 feet	1.50	15.00
Box Elder	6-8 feet	1.25	12.00
Box Elder	8-10 feet	1.50	15.00
Catalpa—Western	6-8 feet	1.50	15.00
Catalpa—Bungei Umbrella, 2 yr-old head		3.00	33.00
Crab, Bechtels Dbl. Flowering.....	2-3 feet	1.25	12.50
Elm—American	6-8 feet	1.50	15.00
Elm—American	8-10 feet	2.00	21.00
Elm—English	6-8 feet	2.00	20.00
Flowering Plum (Purple Leaved).....	3-4 feet	1.25	12.50
Horse Chestnut	5-6 feet	2.50	27.00
Linden (Basswood) American.....	6-8 feet	2.50	27.00
Maple—Sugar	6-8 feet	2.25	24.00
Maple—Norway	6-8 feet	2.50	27.00
Maple—Norway	1¼-1½ in. caliper	3.00	30.00
Maple—Schwedleri	6-8 feet	3.50	35.00
Maple—Silver or Soft.....	6-8 feet	1.25	12.50
Maple—Silver or Soft.....	8-10 feet	1.75	17.50
Mountain Ash	6-8 feet	2.25	24.00
Mountain Ash	8-10 feet	3.00	30.00
Poplar—Bolleana	6-8 feet	1.25	12.50
Poplar—Carolina	6-8 feet	.60	6.00
Poplar—Carolina	8-10 feet	.80	8.75
Sycamore—American	6-8 feet	1.75	17.50
Sycamore—American	8-10 feet	2.25	22.50
Sycamore—European	6-8 feet	2.00	20.00
Sycamore—European	8-10 feet	2.50	25.00
Thorn—English Hawthorne.....	3-4 feet	1.25	12.50

WEeping TREES

Variety	Size	Price	
		Each	Per 12
Birch—Cut Leaved	6-8 feet	\$3.00	\$30.00
Elm—Camperdown, 1 year head.....		3.00	30.00
Mulberry—Teas Russian, 1 year head....		3.00	30.00
Willow—Babylonica	6-8 feet	1.50	15.00

EVERGREENS

Variety	Size	Price	
		Each	Per 12
Colorado Blue Spruce, Balled.....	2-3 feet	\$4.50	
Arbortvitae, American, Balled.....	2-3 feet	3.00	
Irish Juniper, Balled.....	2-3 feet	3.50	

UTAH ENGLISH WALNUTS

The very shapely and beautiful shade tree that pays its owner an extra dividend of \$30.00 to \$50.00 annually, just for good measure. Hardy in any section or situation where apricots and peaches can be grown. No home orchard or grounds is complete without some of these trees.

Mailing Size—(Two year stock): \$1.25 each; \$12.00 per dozen, charges prepaid.

Standard Size—(Three year stock): \$2.00 each; \$18.00 per dozen, not prepaid.

Let Us Prove That Mountain Grown Trees Are More Vigorous.

Why raise worms, when with such a small outlay of time and money, you can effectively control these pests. See page 31.



CATALPA (SPECIOSA)



ELMS LINDEN



SILVER MAPLE



Bolleana Poplar

SMALL FRUITS

The splendid adaptability, both as to soil and climate of the Mountain States to the culture of "Small Fruits," it is a wonder there hasn't been larger plantings. The wise man will awake to the possibilities along this line. For more detail information and descriptions see Annual Catalog. The prices of standard size stocks are as follows:

	Each Dozen	50's	100's	1000's
Grapes —All hardy varieties except Concord.....	50c	\$4.00	\$16.50	\$30.00
Grapes —Concord	50c	4.00	12.50	20.00
Grapes —California types (half hardy here).....	50c	4.00	12.50	20.00
Dewberries —Lucreatia	30c	2.00	6.00	10.00
Loganberries	40c	4.00	14.00	25.00
Blackberries —All varieties except below.....	25c	2.50	7.00	12.00
Blackberries —Mersereau and Wilson's Early.....	30c	3.00	8.00	15.00
Raspberries —All varieties except below.....	25c	1.50	5.50	10.00
Raspberries —St. Regis.....	40c	3.50	11.00	20.00
Raspberries —Black Caps.....	30c	3.00	8.00	15.00
Currants —All varieties.....	35c	3.50	11.00	20.00
Gooseberries —All varieties.....	35c	3.50	11.00	20.00
Strawberries —Clyde and Marshall.....	...	...	1.30	2.50
Strawberries —Everbearing varieties.....	...	...	2.25	4.00
				30.00

FRUIT TREES

"Mail Size"—All stock offered under this classification will be delivered charges prepaid to your Express or Post Office at priced named. This grade includes strong, vigorous, one-year buds and the smaller two-year stock which has been sorted from the "Standard Size." Please note the "Mail Size" are not "cull," but clean, healthy, vigorous trees of just such size and height suited for Parcel Post shipment.

"Standard Size"—All trees of this classification are clean, healthy, vigorous stock of good caliper. They are too large to send through the mail and should be forwarded by Freight or Express. Packing is free but transportation charges are to be paid by the customer. The weight packed is 1½ to 2 lbs. to the tree.

Table of Distances for Planting Fruit Trees, Etc.

Apples, Standard 30 to 40 ft. each way.	Peaches, 16 to 18 ft. each way.	Raspberries, 3 to 4 ft. each way.
Pears, Standard, 20 to 25 ft. each way.	Apricots, 16 to 18 ft. each way.	Blackberries, 6 to 8 ft. each way.
Cherries, 18 to 20 ft. each way.	Quinces, 12 ft. each way.	Strawberries, 1½ to 3 ft. each way.
Plums, 16 to 18 ft. each way.	Currants, 3 to 4 ft. each way.	Grapes, 8 to 10 ft. each way.
	Gooseberries, 3 to 4 ft. each way.	

APPLES

Standard Size, \$1.00 each; \$9.00 per doz.; 50 for \$27.50; 100 for \$50.00. (Express or Freight charges not Prepaid.)

Mail Size, 90c each; \$9.00 per doz., postpaid.

Summer Varieties

☐ **Red Astrachan**—Fruit large, beautiful deep crimson yellow. Ripens July and August.

☐ **Early Harvest**—Medium size, nearly round, pale yellow. July and August.

☐ **Maiden's Blush**—Medium size, pale yellow with beautiful red cheek.

☐ **Yellow Transparent**—One of the earliest apples; fruit medium large, pale yellow when ripe; good quality. Succeeds well in thin soil and in cold climates. July.

☐ **Red June**—Greenish-yellow, striped, splashed with dull red. June and July.

Autumn Varieties

☐ **Gravenstein**—Yellow red striped, very large. September.

☐ **Twenty Ounce Pippin**—Very large, showy, striped.

☐ **Wealthy**—Dark red; sub-acid. Trees bear very young.

☐ **Wolf River**—Light yellow, with stripes and splashes of bright red, good cooker.

Winter Varieties

☐ **Arkansas Black**—Rich, dark red, flesh orange yellow. Bellefleur, Yellow—Large, oblong, yellow. October to January.

☐ **Delicious**—Large, handsome winter apple, delightful flavor. Ripens late fall.

☐ **Gano**—Good size, deep red; attractive; good keeper and shipper.

☐ **Grimes Golden Pippin**—Rich, golden-yellow; flesh tender, juicy and rich. Nov. to Dec.

☐ **Jonathan**—Probably the best apple in regard to flavor and quality ever grown in America. Deep red.

☐ **Mammoth Black Twig**—Very large, dark red, slightly streaked.

☐ **Northwestern Greening**—Fruit large. Flesh yellow and fine grained.

☐ **Rhode Island Greening**—Large greenish-yellow.

☐ **McIntosh Red**—Large, all red apple. Good keeper.

☐ **Rome Beauty**—Fruit large, yellow with red; good quality and long keeper.

☐ **Wine Sap**—Smooth greenish-yellow, splashed and striped with red and purple.

☐ **Winter Banana**—Flesh golden-yellow; fine grain and juicy.

☐ **Winter Pearmain**—Pale yellow; flesh yellow, juicy, tender.

CRAB APPLES

☐ **Hyslop**—Fruit deep crimson, covered with blue bloom. September.

☐ **Siberian**—Beautiful red. September.

APRICOTS

Standard Size, \$1.00 each; \$9.00 per doz.; 50 for \$27.50; 100 for \$50.00.

Mail Size, 90c each; \$9.00 per doz., postpaid.

☐ **Chinese**—Large round, deep yellow. Late June.

☐ **Moorepark**—Very large, yellowish-green. Best variety for no colder sections than Salt Lake. Late June.

☐ **Superb**—The most productive hardy apricot; Medium size, light salmon color.

PEARS

Standard Size, \$1.00 each; \$10.00 per doz.; \$32.50 per 50; \$60.00 per 100.

Mail Size, 90c each; \$9.00 per doz., postpaid.

☐ **Bartlett**—Fruit large, clear lemon yellow, highly flavored; very juicy. September.

☐ **Beurre D'Anjou**—Large, of vinous flavor; one of the leading late autumn varieties.

☐ **Keiffer's Hybrid**—Rarely ever blights. Fruit of fine size, rich color and good quality. October and November.

☐ **Parrish Favorite**—New. Beautiful large winter pear, ripening in Nov.-Dec. will keep until spring retaining its captivating flavor. Never blights. Best winter pear.

☐ **Clapp's Favorite**—Summer pear, resembling Bartlett. Ripens in August.

☐ **Seckel**—Small, yellowish-brown, tender, juicy, melting. Ripens in September.

PEACHES

Standard Size, 90c each; \$9.00 per doz.; \$22.50 per 50, \$40.00 per 100.

Mail Size, 90c each; \$8.00 per doz., postpaid.

Ⓡ **Alexander**—Handsome, crimson. Ripens about July 4th.

Crawford's Early—Freestone. Fruit very large, oblong, yellow with fine red cheek. Flesh yellow, juicy and sweet. August.

Crawford's Late—Freestone. Resembles the Early Crawford. Ripens in September.

Ⓡ **Elberta**—A leading market variety, large, handsome bright yellow overspread with crimson; juicy, fine shipper. Freestone.

J. H. Hale—Large orange-yellow considered by many superior to Elberta.

Orange Cling—Very large; yellow with dark crimson cheek; flesh golden-yellow; a heavy and regular bearer.

Heath Cling—Large oblong, creamy white, rich and luscious; valuable canning peach.

May Flower—The earliest peach on the market; red all over; flavor excellent.

Carman—Resembles Elberta in shape; color creamy white or pale yellow, with deep blush; Freestone. Ripening August to September.

Ⓡ **Early Canada**—Follows Alexander and resembles same in color, shape and size.

Red Bird Cling—The earliest of the large clings. Color creamy-white, overspread with bright, glowing red. Delicious flavor.

Ⓡ **Dal's Cling**—New, Large, handsome, deep red of rich luscious flavor.

CHERRIES

Standard Size, \$1.50 each; \$15.00 per doz.; \$55.00 per 50; \$100.00 per 100.

Mail Size, \$1.25 each; \$12.00 per doz., postpaid.

Sweet Cherries

Blig—Very large, dark brown—almost black, rich and delicious. July.

Ⓡ **Black Orb**—Improvement on Black Tartarian in size, color, productiveness and flavor. July.

Black Tartarian—Very large, purplish-black, mild and sweet, very popular. Ripens first of July.

Ⓡ **"Dais" Early Red**—New. Large, deep red. The first to reach the market; ripens here the last of May or first part of June.

Ⓡ **Lambert**—Immense deep rich red; flesh firm and sweet. Middle of July.

Napoleon—Very large pale yellow, red cheek; best of sweet yellow sorts. June.

Reine Hortense—New. Sweeter and much larger than May Duke, so we classify among Sweet Cherries. Color deep red. Ripens in August.

Ⓡ **Winsor**—Fruit large; heavybearer; beautiful dark color, almost black.

Yellow Spanish—Very large, pale yellow with bright red cheek; juicy and delicious. Late in June.

Sour Cherries

May Duke—Fruit dark red; juicy and rich. June.

Montmorency—Large red. Late June to early July.

Early Richmond—Medium, dark red; melting juicy, rich acid.

PLUMS AND PRUNES

Standard Size, \$1.00 each; \$10.00 per doz.; \$32.00 per 50; \$60.00 per 100.

Mail Size, 90c each; \$9.00 per doz., postpaid.

Burbank—A favorite Japanese Plum, ripening in August. Large round, mottled red and yellow. July.

Peach—Very large; brownish-red; flesh pale yellow; valuable for shipping. Early June.

Danson—Medium dark blue; flesh amber; good for preserving.

Pottawatamie—An excellent small plum used for preserves.

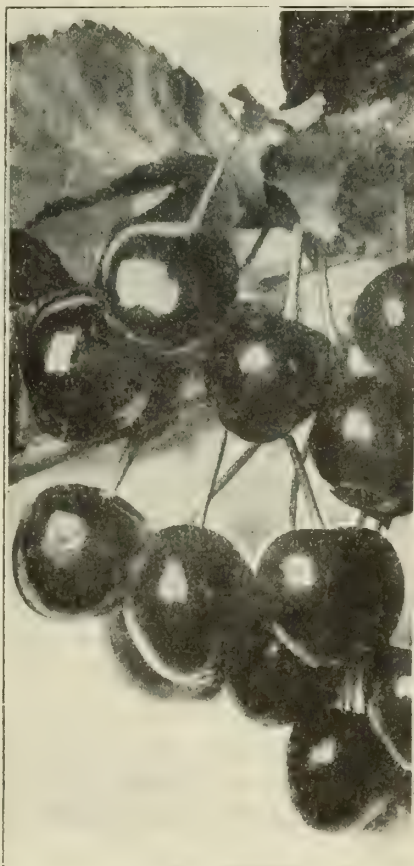
Ⓡ **Satsuma**—A fine large plum; purplish-crimson; pit exceedingly small. Delicious flavor. July.

Yellow Egg—A very large and beautiful egg-shaped plum; a little coarse, but excellent for cooking. Late October.

Ⓡ **Italian-Fellemburg Prune**—Large oval, dark purple; flesh greenish-yellow; separates freely from the stone; best for drying on the market. August-September.

QUINCES

Orange Quince—Standard size, \$1.25 each; \$12.50 per doz.



Black Orb

VEGETABLE PLANTS and ROOTS

We have excellent facilities in this line. The plants are grown from selected seed at our own Green-houses. Where possible, we advise shipments to be made by Express.

	When Ready	Postpaid Prices	Not Prepaid
CABBAGE —Early Jersey Wakefield, Copenhagen Market, Danish Ball Head.....	April, May	25c \$1.50	15c \$.90 \$6.00
CELERY —Golden Self-Blanching, Winter Queen, Golden Crisp.....	May, July	25c 1.50	20c 1.00 6.50
CALIFLOWER —Snowball, P.W.'s Perfection....	April, May	25c 1.50	20c 1.00 6.50
EGG PLANT —N. Y. Purple, Black Beauty.....	May, June	60c 4.00	50c 3.50 30.00
PEPPER —Chinese Giant, Ruby King, etc.....	May, June	30c 2.00	20c 1.00 6.50
TOMATO —Earlana, other standards (transplants)	May	40c 2.30	30c 2.00 17.50
ASPARAGUS —1 year old, standard varieties.....	March, April	35c 1.75	25c 1.50 10.00
ASPARAGUS —2 year old, standard varieties.....	March, April	60c 3.00	35c 2.50 15.00
HORSE RADISH ROOTS —Strong divisions.....	March, April	60c 3.50	50c 3.00 20.00

RHUBARB—Victoria, mailing size, 2 or 3 eyes to each clump. Each 35c; \$3.00 per dozen, Postpaid. By Express or Freight: 20c each; \$2.25 per dozen; \$15.00 per 100.

POULTRY SUPPLIES

WE INVITE CORRESPONDENCE on all kinds of Grains, Seeds, Feeds, etc., for Poultry and Pet Stock, as prices fluctuate greatly. We handle the following in large quantities and can always give attractive prices: Feed Wheat, Kaffir Corn; Whole and Ground Feed Corn, Oyster Shell, Grit, Charcoal, Beet Scraps, Rolled Oats, Feeding Barley, Bran, Canary Seed, Flax, whole and ground, Hemp, Millet, Sunflower Seed and Field Peas. Weight, Quality and Prompt Service Guaranteed. Phone or write us.

P-W.'s CHICK MANNA

Conceded by all users to be the Leading Balanced Ration of Pure Grains, Seeds, etc., on the market today. It is truly "Health Insurance" to the Baby Chicks.

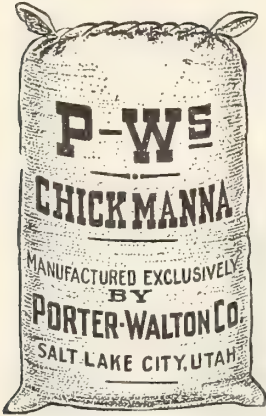
This splendid preparation is made according to the best formula that science and experience has discovered to date. During the last few years we manufactured and distributed throughout the Intermountain region more than a million pounds of P-W.'s Chick Manna, and we have yet to receive the first complaint.

Put up in our own printed bags. Four lbs. for 25c; twenty-five lbs. \$1.25; 100 lbs. \$4.50.

How to Feed Baby Chicks

They should be fed nothing until they are 24 hours old. Keep them good and warm is all that is necessary. Baby chicks are hungry all the time, and have to be fed every few hours. Scatter about a pint of P-W.'s Chick Manna on the floor among an inch or two of alfalfa meal for 50 chicks. Only feed as much at a time as they eat up clean, and do not over-feed. Keep clean, fresh water before them all the time.

Blatchford's Milk Mash and Pratt's Baby Chick Food are excellent chick starter and should be fed the first few days.



BLATCHFORD'S PRODUCTS

Efficient and economical Whole Milk Substitutes at one-half the cost. Sure money makers for every dairy farmer and livestock grower. Packed in 25's, 50's and 100-lb. bags.

	25 lbs.	100 lbs.
Calf Meal	\$1.75	\$6.50
Lamb Meal	1.75	6.50
Pig Meal	1.75	6.50
Chick Mash (Milk Mash)	1.75	6.50
Egg Mash for Poultry	1.65	6.00

LEE'S REMEDIES

	Each
Lee's Lice Killer, quart size .....	.60c
Lee's Lice Killer, ½ gal. size .....	.90c
Lee's Lice Killer, 1 gal. size	\$1.50
Lee's Egg Maker, 25 lb. pall	4.25
Lee's Egg Maker, 2 lb. size .....	.50
Lee's Egg Maker, 5 lb. size	1.00
Lee's Germozone, 4 oz. size .....	.40
Lee's Germozone, 12 oz. size .....	.75
Lee's Germozone, 32 oz. size	1.50
Lee's Germozone Tablets	25c, 75c and 1.50
Lee's White Diarrhoea Remedy, 12 oz. ....	.50

PRATT'S REMEDIES

	Each
Poultry Disinfectant, quarts	\$.70
Poultry Disinfectant, ½ gallons	1.25
Poultry Disinfectant, gallons	2.00
Poultry Regulator, 1½ lb. package .....	.30
Poultry Regulator, 4 lb. package .....	.65
Poultry Regulator, 9 lb. package	1.30
Poultry Regulator, 12 lb. pails	1.85
Poultry Regulator, 25-lb. pails	3.60
Animal Regulator—Same sizes and prices as Poultry Regulator.	
Roup Remedy, small size .....	.25
Roup Remedy, large size .....	.50
White Diarrhoea Remedy, small size .....	.25
White Diarrhoea Remedy, large size .....	.50
Powdered Lice Killer, small size .....	.30
Powdered Lice Killer, large size .....	.60
Pratt's Baby Buttermilk Chick Food, 100 lbs. .	7.00
Pratt's Baby Chick Food, 25 lbs.	2.00

DRINK FOUNTS AND FEEDERS

	Each
McCandlish Feeders, 12 in.	\$.40
McCandlish Feeders, 20 in. ....	.50
McCandlish Feeders, 30 in. ....	.75
Moe's Vegetable Rack No. 44 .....	.90
Round Baby Chick Feeder No. 11 .....	.30
Round Baby Chick Feeder No. 12 .....	.50
Dry Mash Hopper, 12 qt. No. 35	2.00
Dry Mash Hopper, 18 qt., No. 36	2.50
Dry Mash Hopper, 36 qt., No. 37	3.00
Grit and Shell Box No. 45 (2 Comp.) .....	.50
Grit and Shell Box No. 9 (3 Comp.)	1.25
Grit and Shell Box No. 90 (4 Comp.)	1.75
Star Fountain (Mason Jar) .....	.15
Brooder Fountain (No. 0), qt. size .....	.55
Wall Fountain (No. 40) 2 qt. size	1.00
Wall Fountain (No. 41) 1 gal. size	1.30
Wall Fountain (No. 42) 2 gal. size	1.50
Bottom-Fill Fountain, 1 qt. size .....	.45
Bottom-Fill Fountain, 2 qt. size .....	.55
Bottom-Fill Fountain, gallon size .....	.85
Pagel's Non Freeze, 2 gal. size	4.50
Pagel's Non Freeze, 3 gal. size	5.25
Pagel's Non Freeze, 5 gal. size	6.50

LEG BANDS

	Per doz.	50	100
Spiral (celluloid) .....	.25	.65	1.00
Smith's Sealed .....	.35	1.15	1.75
Double Clinch .....	.20	.60	.95
Champion .....	.20	.60	.95

PAPER EGG BOXES

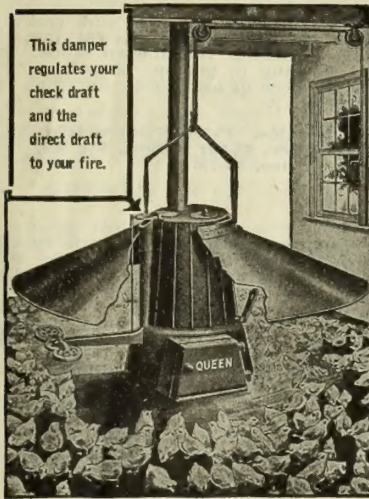
Made in two shapes and the following grades. All styles made of extra heavy cardboard and will carry eggs safely. Shipping weight 2 lbs. per doz.

	Doz.	100
Standard—Size 2 x 6 .....	.35	\$1.75
Standard—Size 3 x 4 .....	.30	1.50
Continental—Size 2 x 6 .....	.35	2.00

Write for quantity prices.

If by mail postage must be added to above prices.

BUCKEYE and QUEEN INCUBATORS and BROODERS



Queen Brooder Stove No. 2

QUEEN INCUBATORS

Style K.

No.	C'td. Wt. lbs.	Capacity	Price
20.....	46.....	70 egg.....	\$ 17.50
21.....	70.....	130 egg.....	29.50
22.....	100.....	220 egg.....	39.25

Regular Style

No.	C'td. Wt. lbs.	Capacity	Price
1.....	72.....	85 egg.....	\$ 29.50
2.....	87.....	135 egg.....	39.75
3.....	98.....	180 egg.....	47.00
4.....	138.....	275 egg.....	61.25
5.....	171.....	400 egg.....	72.50

QUEEN BROODERS

No.	Capacity	Price
1—Stove.....	600 chicks.....	23.75
2—Stove.....	1200 chicks.....	29.50
17—Perfection Hover.....	150 chicks.....	21.00

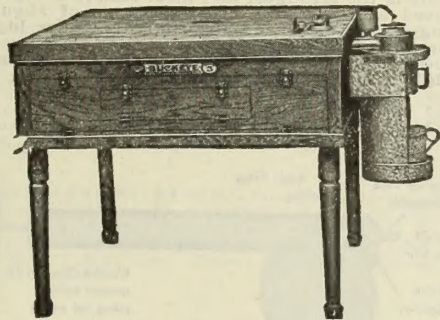
NOTE—Special Descriptive Booklets on Both Buckeye and Queen Incubators and Brooders sent free on request.

BUCKEYE INCUBATORS

	C'td. Wt. lbs.	Capacity	Each
14—Style E.....	55.....	65 egg.....	\$ 18.00
16—Style E.....	85.....	120 egg.....	30.75
17—Style E.....	125.....	210 egg.....	40.50
1—Standard.....	110.....	120 egg.....	41.00
2—Standard.....	135.....	175 egg.....	48.25
3—Standard.....	200.....	250 egg.....	62.50
4—Standard.....	230.....	350 egg.....	73.75
5—Standard.....			
Mam'th 323.....	600 egg.....		116.00

BUCKEYE BROODERS

No.	Capacity	Price
20—Metal Brooder.....	60 chicks.....	\$12.50
21—Metal Brooder.....	100 chicks.....	16.25
18—Standard Stove.....	500 chicks.....	23.75
19—Standard Stove.....	1000 chicks.....	29.50
25—Standard Stove (From factory).....		34.00
10—Blue Flame (From Factory).....		18.75
11—Blue Flame (From Factory).....		22.25
12—Blue Flame (From Factory).....		24.75



Buckeye Standard, 175-Egg Size

INCUBATORS AND BROODER LAMPS, ETC.

Brooder Stove Wafers.....	\$1.25
Regulators, complete.....	3.50
Lamp Bowls, large (6x4).....	2.00
Lamp Bowls, 6x2, 9x16, complete with either No. 2 or No. 3 burner.....	1.75
Lamp Bowls, No. 3 ring, no burner.....	1.25
Lamp Bowls, No. 2 ring, no burner.....	1.10
Burners, complete, 1½ inch wick, 3½ flue ring.....	.90
Wicks, No. 2 or No. 3, per doz.....	.60
Thermometer—for incubator.....	1.25
Thermometer—for brooder.....	1.00
Tycos Hygrometer.....	2.50

BIRD SEED and SUPPLIES

Philadelphia Bird Manna—The great song restorer. Just the thing you need when your birds are moulting. Per cake, 20c, postpaid.

P.W.'s Mixed Canary Bird Seed—Wholesome seeds in just the right proportion to promote health, vigor and song. 1 lb carton, 25c, postpaid.

We have on hand and for sale at all times a choice lot of Canary Birds, Hartz Mountain Roller, etc., guaranteed singers, priced at from \$7.50 to \$20.00 each, delivered to your station. Also a choice lot of females priced at from \$2.00 to \$4.00. In addition we also carry a full stock of Bird Cages and Supplies. Write for Special Prices.

We carry a large stock of Gold Fish and Supplies. Write for prices.

BIRD SEEDS, ETC.

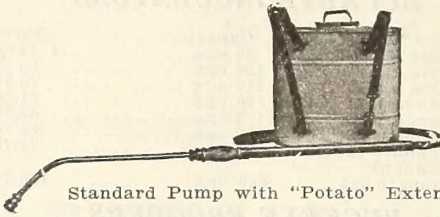
Prices Not Prepaid. Special Prices in Quantity.	Per lb.
Canary—Best re-cleaned.....	.20c
Hemp.....	.15c
Millet.....	.15c
Rape.....	.15c
Cuttle Bone—Large Bone.....	.2 for 5c
Sunflower Seed.....	.20c

SEED SOWERS

	Each	Each
The "Cyclone" Sower.....	\$2.75	
The "Little Giant Horn" Sower.....		\$1.50

SPRAY PUMPS and ACCESSORIES

STANDARD SPRAY PUMP



Standard Pump with "Potato" Extension

As used with bucket, knapsack, tank or barrel for spraying orchards, gardens, vineyards, whitewashing, disinfecting chicken houses, killing vermine on stock. Made entirely of brass. Nothing to get out of order. "The best and most powerful piece of low-priced spraying apparatus on the market today."

For Pump and Nozzles. Price \$7.50; weight, 3½ lbs.
For Knapsack. Price, \$3.50; weight, 5½ lbs.
Extension Rod. Price, \$1.75.

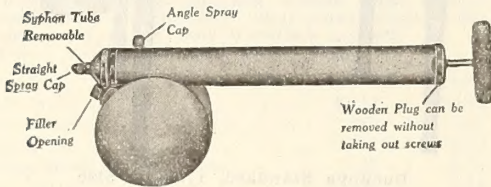
AUTO SPRAY No. 40D

Hand lever pump correctly designed with every unnecessary part eliminated. It is excellent for handling white-wash cold water paint, all insecticides, fungicides and all solutions. It has a capacity of 12 gallons. Graphite packing adjustable from outside by tightening two bolts. Plunger and all valves are brass. Air chambers so constructed that a large reserve capacity is developed than in this size of machine. Tank is galvanized iron. Crated weight, complete with truck, 75 lbs. **Price \$30.00.**

COMPRESSED AIR SPRAYER (Auto Sprayer No. 1)

This is the strongest and most simple in its working parts of any compressed air sprayer. Two pumpings of about fifteen strokes on the plunger will discharge the contents under high and constant pressure. It is equipped with a patented, non-clogging nozzle. It consists of a solution tank holding about four gallons made of galvanized steel. Weight empty for shipment 15 lbs.

No. 1 B—Brass tank with Auto-pop. \$10.50
No. 1 D—Galvanized tank Auto-pop. 8.25



CONTINUOUS ATOMIZER (Auto Spray) No. 25-B.

This operates continuously on both up and down stroke and throws a fine misty spray. It will handle all solutions, insecticides and disinfectants.

Weight 2 lbs.
Price: One-qt. size, \$1.25 each.



Auto Spray No. 1-D

P.-W.'s HANDY SPRAYER

Made of bright tin, and with reasonable care will last a long time. The reservoir holds a quart. Its size makes it handy for use in the hen house, also for spraying rose and raspberry bushes, cucumber vines, etc. **Price, each, 80c. Weight 1 lb.**

HAND DUSTER

Arsenate of Lead and other Powders for Dusting. Application are best applied with this new Hand Duster, which is a mechanically perfect apparatus, emitting powders in clouds of right consistency from any position and in any direction, downward, upward or horizontally. **Price, \$2.75 each. Small size, \$1.25 each.**

FERTILIZERS FOR LAWN AND GARDEN

Bone Meal—This is an excellent fertilizer; safe for all plant life, and very effective. **Price 1 lb., 10c; 50 lbs., \$2.25; 100 lbs. \$4.00, not prepaid.**

Wizard—A meritorious Fertilizer; saving you time, labor, expense and trouble. Full directions with each order. **Price: 25-lb. bag, \$3.00; 2 lb. package, 35c, not prepaid.**

"PLANT LIFE" LAWN SPECIAL NO. 1

This is a Mixture Especially for the Lawn.

A 25-pound package contains more available plant food (nitrogen, phosphoric acid and potash) than is found in 1,000 pounds of ordinary manure, without the disagreeable features connected with it, and at a lower cost.

One 25-pound bag will cover a space of lawn 30x40 or 1,200 square feet, though larger applications will give increased results.

Price: 10 oz. carton, 25c; 10 lbs. \$1.00; 25 lbs; \$2.25; 50 lbs., \$4.00; 100 lbs., \$7.00, not prepaid.

We have special mixtures of "Plant Life" for Sugar Beets, Potatoes, Tomatoes, etc.

Also Special Machines for even distribution of commercial fertilizers. Write for details.

STIM-U-PLANT

An All-the-Year Fertilizer for Garden and House Plants

An odorless, highly concentrated plant-food, in tablet form, with guaranteed chemical analysis of 11 per cent nitrogen, 12 per cent phosphoric acid, 15 per cent potash. The proportions are accurate, there is no unnecessary filler, and in this form you are able to apply plant-food exactly when and where and as needed.

Order Stim-U-plant tablets with your seed and plant order. **Price, 10 tablets for 15c; 30 tablets for 25c; 100 for 75c; 1,000 \$3.50.**

SEED INOCULATION—FARM-GERM METHOD

Builds up the Soil and Increases the Yield
 This recognized standard of seed inoculants insures the growing of bigger crops by making poor soil good soil. **It is always fresh**—the only culture being sold in the bottles with the patented stopper which enables the bacteria to breathe air, insuring long life without deterioration.

FARM-GERM is a culture of only high-bred nitrogen-fixing bacteria. It replaces essential elements in the soil in an effective and economical manner.

Farm-germ prices are: **Garden size, 50c; 1-acre size, \$1.00; 3-acre size, \$2.50; 12-acres size, \$9.00.** Full direction accompany each bottle.

In ordering specify the kind of seed you wish to inoculate.

PEST AND DISEASE KILLERS

Poisons Are Not Admitted to the Mails, so are shipped by Express or Freight only. On all other items not quoted at Postpaid prices, see page 2 for amount to remit for postage.

SCALECIDE

The "Certain Death" to scale insects and destroys Brown Mites and Apple Leaf Roller Eggs and controls Canker Rot, Root Rot, Twig Blight, and many other Fungus Diseases.

Without question of a doubt, the best Dormant Spray on the market today. Ask for free booklet.
Price: One-quart can, 75c; shipping weight 3 lbs.; 1 gal. can, \$2.00, shipping weight 11 lbs.; 5 gal. can, \$9.00, shipping weight, 50 lbs.; 30 gal. barrel, \$35.00, shipping weight, 265 lbs.; 50 gal. barrel, \$55.00, shipping weight, 440 lbs.

ARSENATE OF LEAD

The Leading Insecticide for Spring and Summer Spraying, Either Commercial or Home Orchardists and the "Standard" for Convenience and Efficiency, for Application with Water or in Dry Form on Fruit Trees, Potatoes, Etc.

It kills Corn Ear Worms, Currant Worms, and dozens of others, in addition to the many fruit tree pests. Must be sent by Express or Freight.

Price: ½-lb. package, 35c; 1-lb. package, 60c.

ANT EXERMINATOR—A non-poisonous powder, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. **Boxes, 35c and 65c sizes, Postpaid.**

"BLACK LEAF 40"—Nicotine Sulphate—40 per cent Nicotine—This is the insecticide that is so highly recommended by Experiment Stations. It destroys Aphis (plant lice), Thrips, Leaf-hoppers on all trees, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage.

You cannot go wrong by ordering "Black Leaf 40" for sucking insects. Price: 1 oz. 25c; ½ lb. \$1.25; 2 lbs. \$3.75; 10 lbs. \$15.50. 1 oz. makes 6 gallons of spray; ½ lb. makes 40 to 60 gallons.

Cut Worm Killer is a coarse fibrous preparation for strewing near the plants to be protected. It has an enticing odor and the worms are attracted to it. There is no guess work about it doing the "business." The dead cut worms which are found after its use "tell" the story. One pound is sufficient for 175 plants when in hills and 100 lineal feet when in rows.

Satisfaction Guaranteed or Money Refunded.

Prices: 1-lb. box, 35c, mailing weight 2 lbs.; 5-lb. can \$1.25, shipping weight 7 lbs.

COW EASE (Fly Driver) Is a liquid preparation from non-poisonous materials, and will not gum the hair or blister the skin. A herd of milch cows sprayed regularly through the fly season will yield on the average of 10 to 20 per cent more milk.

Price: quart 70c, weight 4 lbs.; ½ gallon, \$1.00, weight 8 lbs.; gallon, \$1.75, weight 15 lbs.

DUSTING SULPHUR—The most common fungus diseases that annoy the gardener and orchardist are Early Blight on potatoes, Scab on apples and pears, and Brown Rot on Peaches. Dusting Sulphur is good for all these and can be used by itself or in combination with Arsenate of Lead, mixing the two in equal proportions. **Price:** ½-lb. carton, 15c; 1-lb., 25c; 5 lbs., \$1.00.

DRY POWDERED FUNGI-BORDO—Fungi Bordo, the perfect Dry Bordeaux Mixture Concentrate is a dry powder which you will receive in sift-proof impervious packages. Use eight pounds of Dry Powdered Fungi-Bordo to fifty gallons of water will prove an effective insecticide and fungicide. **1 lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50; 25 lbs. \$10.00.**

LIME-SULPHUR (Dry Form)

A good remedy for San Jose Scale; also an excellent fungicide. **One lb. 35c; 5-lb. package, \$1.50; 10-lb. package, \$2.75; 25-lb. package, \$5.00; 100 lbs. \$18.00.**

MAG-O-TITE—This preparation protects tender plants against ravages of root maggots and worms. In truth a real root maggot remedy. **Price:** 2-lb. pkg., 50c; 8-lb. pkg., \$1.50.

TREE TANGLEFOOT—A sticky compound similar to that used in making Fly Paper. One pound makes ten lineal feet of band. One application remains sticky for three months. Good protection against all crawling insects and for tree surgery. Superior to anything on the market. **1 lb. pkg., 50c; 3 lbs., \$1.45; 10 lbs., \$4.50; 20 lbs., \$8.75; 25 lbs., \$10.50.**

"NICO-FUME" PAPER—For fumigating greenhouses, replaces the old tobacco stem method. For the ordinary greenhouse (100 feet long by 20 feet wide) eight or ten sheets will usually furnish a strong fumigation. **Price:** 24 sheets, \$1.25; 144 sheets, \$5.00.

TOBACCO DUST—When dusted over young plants, it is very efficient in repelling many kinds of bugs and in keeping the foliage from Aphis and Lice. **Price:** ½ lb., 15c; 1 lb., 25c; 5 lbs. \$1.00.

TARRED FELT DISKS—Effective protection against the "root maggot." For young plants when first set and such as cabbage, cauliflower, etc. **Price, 70c per 100, Postpaid. Write for quantity prices.**

FORMALDEHYDE—For the prevention of smut on grain; it is easy to apply. One bottle, diluted with 40 to 50 gallons of water is sufficient to treat thoroughly 30 bu. of wheat or barley for smut; 40 bu. of oats for smut; or 60 bu. of flax for wilt. **Sixteen-oz. bottle, \$1.00.**

Whale Oil Soap—Dissolve 2 ounces of soap to 1 gallon of water for all small fruit. For large fruit tree, shade trees, etc., use 3 ounces of soap per gallon.

Very effective as a spreader for "Black Leaf 40" Nico-Fume, Liquid etc. **Price 35c per lb.**

PARIS GREEN is the most positive poison there is to be had, containing the highest poison efficiency at a minimum cost.

It is quick-acting, powerful and sure in its deadly work. For Fruit trees use 1 oz. to 6 gals. water; 1 lb. to 100 gals. water. **Price:** ¼ lb., 45c; ½ lb., 75c; 1 lb., \$1.25.

You might buy the equal of ours from other equally painstaking Seedsmen and Nurserymen, but we have gone to a big expense to make sure that you can get none better anywhere than P.-W.'s **TESTED MOUNTAIN GROWN SEEDS AND TREES.** Let us prove that they really "are more vigorous."

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